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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). YOKOSUK--ETC(U)
JUL 78

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AD-A062045

DIRECTOR

NAVAL OCEANOGRAPHY AND METEOROLOGY

S M O S

(Summary of Meteorological Observations, Surface)

Prepared by
Naval Weather Service Detachment
Federal Building
Astevillo, N. C. 28801

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM										
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER										
4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Yokosuka, Japan		5. TYPE OF REPORT & PERIOD COVERED Reference report 1953-1977										
7. AUTHOR(s) N/A		6. PERFORMING ORG. REPORT NUMBER										
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N.C. 28801		8. CONTRACT OR GRANT NUMBER(s)										
11. CONTROLLING OFFICE NAME AND ADDRESS Director, Naval Oceanography and Meteorology National Space Technology Laboratories NSTL Station, MS 39529		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS										
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE July 1978										
		13. NUMBER OF PAGES 358										
		15. SECURITY CLASS. (of this report) Unclassified										
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE										
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		<table border="1"> <tr> <td colspan="2">ACCESSION for</td> </tr> <tr> <td>NTIS</td> <td>Write Section <input checked="" type="checkbox"/></td> </tr> <tr> <td>DDC</td> <td>B-ff Section <input type="checkbox"/></td> </tr> <tr> <td>UNANNOUNCED</td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="2">JUSTIFICATION</td> </tr> </table>	ACCESSION for		NTIS	Write Section <input checked="" type="checkbox"/>	DDC	B-ff Section <input type="checkbox"/>	UNANNOUNCED	<input type="checkbox"/>	JUSTIFICATION	
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Yokosuka, Japan												
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure.												

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S/N 0102-LF-014-6601

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT.)	CALL SIGN	WMO NUMBER
43323	Yokosuka, Japan	35°17'N	139°40'E	174	RJTX	47696

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARQ. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Fleet Weather Central, third deck	NS	Prior to 1953	1953	35°17'N	139°40'E	198	Mercurial	24
2.	" " " first deck	"	1953	1953	"	"	174	"	24
3.	" " " third deck	"	1953	1955	"	"	198	"	24
4.	" " " first deck	"	1955	1962	"	"	174	"	24
5.	Instrument error redetermined 8/62	"	1962	1963	"	"	"	"	24
6.	New barometer installed	"	1963	1974	"	"	"	"	24
1a.	Bulkhead, 1st deck	"	1972		"	"	176	Aneroid	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Prior to 1953	Transmitter on roof of ops bldg	AN/UMQ-5	RD-108	265'	1. Microbarograph 2. AN/GKR-4
2.	1955	Transmitter relocated on 18' mast near east corner of ops bldg, also one on west corner at same altitude Recorder inoperative Aug 57 thru June 58	"	"	243'	
2a.						
2b.	1958	Installation of new recorder	"	RD-108B	220'	
3.	1960	Transmitter mounted on 15' mast relocated on roof of ops bldg	"	"	"	
4.	1969	Mounted on 25' mast on roof of bldg	AN/UMQ-5C	"	230'	

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

STATION 43323 YOKOSUKA, JAPAN STATION NAME YEARS 73-77 MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00		7.1				7.1	5.8	14.8			20.0	155
	03		3.9		.6		3.9	6.5	12.9			19.4	155
	06		4.5				4.5	6.5	10.3			16.8	155
	09		3.2		.6		3.9	6.5	21.3			27.7	155
	12		3.2		1.3		4.5	5.8	25.2			30.3	155
	15		4.5		.6		5.2	7.1	14.8			20.6	155
	18		7.7		.6		7.7	8.4	5.8			14.2	155
	21		8.4		1.9		9.0	5.8	7.7			12.9	155
TOTALS			5.3		.7		5.7	6.6	14.1			20.2	1240

WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00		7.8				7.8	12.8	13.5			26.2	141
	03		8.5		2.1		9.9	14.9	14.2			28.4	141
	06		9.2		2.1		9.9	14.2	14.2			28.4	141
	09		7.8		2.1		9.2	9.2	30.5			39.7	141
	12		8.5		1.4		8.5	9.9	34.0			43.3	141
	15		9.9		.7		10.6	12.1	22.7			34.0	141
	18		9.9		2.1		11.3	12.8	11.3			23.4	141
	21		9.2		.7		9.9	12.1	9.9			20.6	141
TOTALS			8.9		1.4		9.6	12.3	18.8			30.5	1128

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WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

73-77

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00		12.3		1.3		12.9	16.1	5.8		.6	22.6	155
	03		13.5		1.3		14.2	18.7	8.4			27.1	155
	06		16.6		.6		17.4	29.7	13.5			43.2	155
	09		12.9	.6	.6		14.2	18.7	31.6			49.7	155
	12		12.3	.6	.6		13.5	15.5	34.2		.6	50.3	155
	15		11.0	.6	1.3		12.3	12.3	26.5		.6	39.4	155
	18		14.2		.6		14.2	19.4	17.4		.6	37.4	155
	21		15.5		1.9		15.5	17.4	6.5		.6	23.9	155
TOTALS			13.6	.2	1.0		14.3	18.5	18.0		.4	36.7	1240

WEATHER CONDITIONS

43323 STATION YOKOSUKA, JAPAN 73-77 YEARS MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00		21.3				21.3	28.0	4.7			32.0	150
	03		20.0				20.0	33.3	4.0			37.3	150
	06		20.0				20.0	42.0	20.0			61.3	150
	09		17.3				17.3	25.3	38.0			62.7	150
	12		16.0				16.0	17.3	42.0			59.3	150
	15		16.0				16.0	18.7	26.0		.7	44.7	150
	18		12.0				12.0	20.7	20.7			40.0	150
	21		12.0				12.0	17.3	2.7			19.3	150
TOTALS			16.8				16.8	25.3	19.8		.1	44.6	1200

WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

73-77

MAY

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00	.6	12.9				12.9	20.6	2.6			23.2	155
	03		13.5				13.5	25.8	3.9			29.7	155
	06		14.2				14.2	36.1	11.0			46.5	155
	09		14.2				14.2	22.6	36.8			58.7	155
	12		13.5				13.5	14.8	34.2			48.4	155
	15	1.3	12.9				12.9	12.3	21.3			32.9	155
	18	1.3	12.9				12.9	18.1	13.5			31.6	155
	21	.6	14.2				14.2	20.0	1.3			21.3	155
TOTALS		.5	13.3				13.5	21.3	15.6			36.5	1240

WEATHER CONDITIONS

43323 STATION YOKOSUKA, JAPAN 73-77 YEARS MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00	.7	16.7				16.7	40.0				40.0	150
	03	.7	21.3				21.3	44.0	.7			44.7	150
	06		24.0				24.0	64.7	5.3			68.7	150
	09		18.7				18.7	41.3	28.0			68.7	150
	12		21.3				21.3	25.3	42.0			66.0	150
	15		18.7				18.7	24.7	29.3			52.0	150
	18		18.0				18.0	27.3	16.0			43.3	150
	21	2.7	17.3				17.3	30.0	4.0			34.0	150
TOTALS		.5	19.5				19.5	37.2	15.7			52.2	1200

WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00		11.6				11.6	34.2	1.9			35.5	155
	03	.6	13.5				13.5	38.7	1.9			40.6	155
	06		13.5				13.5	55.5	5.2			59.4	155
	09	.6	11.0				11.0	32.3	28.4			58.7	155
	12		11.6				11.6	18.1	40.0			56.8	155
	15	.6	10.3				10.3	14.8	31.6			46.5	155
	18	1.3	15.5				15.5	19.4	20.0			38.7	155
	21	1.3	13.5				13.5	27.1	3.2			29.7	155
TOTALS		.6	12.6				12.6	30.0	16.5			45.7	1240

WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00	.6	12.3				12.3	29.0	1.9			31.0	155
	03	.6	13.5				13.5	31.6				31.6	155
	06	1.9	9.7				9.7	43.2	5.2			47.1	155
	09		12.9				12.9	23.9	36.1			58.1	155
	12		8.4				8.4	11.6	38.1			49.7	155
	15		12.9				12.9	12.9	27.7			39.4	155
	18	2.6	9.7				9.7	18.7	22.6			40.6	155
	21	.6	11.0				11.0	23.9	5.2			29.0	155
TOTALS		.8	11.3				11.3	24.4	17.1			40.8	1240

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WEATHER CONDITIONS

43323 STATION YOKOSUKA, JAPAN 73-77 YEARS MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00	.7	12.0				12.0	22.0	3.3			24.7	150
	03		14.0				14.0	28.7	4.0			31.3	150
	06		12.0				12.0	39.3	9.3			47.3	150
	09		14.0				14.0	22.0	39.3			60.0	150
	12		14.7				14.7	18.7	34.0			52.7	150
	15		14.0				14.0	15.3	22.7			38.0	150
	18	.7	11.3				11.3	18.0	16.7			33.3	150
	21		12.7				12.7	18.0	4.7			22.7	150
TOTALS		.2	13.1				13.1	22.8	16.8			38.8	1200

WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

73-77

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00		13.5				13.5	26.5	11.0			36.8	155
	03		15.5				15.5	31.0	16.1			46.5	155
	06	.6	14.8				14.8	40.6	18.7			58.1	155
	09		19.4				19.4	31.6	40.6			70.3	155
	12		17.4				17.4	19.4	45.2			63.9	155
	15		14.8				14.8	18.7	35.5			53.5	155
	18		12.3				12.3	22.6	19.4			41.9	155
	21		12.9				12.9	23.2	11.6			34.8	155
TOTALS		.1	15.1				15.1	26.7	24.8			50.7	1240

NAVWEASERVCOM

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1988

43323

YOKOSUKA, JAPAN

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00		7.3				7.3	14.7	13.3			28.0	150
	03		6.0				6.0	18.7	10.0			28.7	150
	06		9.3				9.3	22.7	8.7			31.3	150
	09		8.0				8.0	16.0	30.0			44.0	150
	12		9.3				9.3	12.0	34.0			45.3	150
	15		9.3				9.3	10.7	25.3			35.3	150
	18		11.3				11.3	14.0	14.7			28.7	150
	21		8.7		.7		9.3	10.0	12.0			22.0	150
TOTALS			8.7		.1		8.7	14.9	18.5			32.9	1200

NAVWEASERVCOM

WEATHER CONDITIONS

43323 STATION NAME YUKOSUKA, JAPAN 73-77 YEARS MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00		3.9				3.9	10.3	14.2			24.5	155
	03		5.2				5.2	11.0	20.0			29.7	155
	06		5.2				5.2	14.2	15.5			29.0	155
	09		5.2				5.2	10.3	40.6			50.3	155
	12		7.1		.6		7.7	8.4	44.5			52.9	155
	15		8.4				8.4	7.7	29.0			36.8	155
	18		7.7		.6		7.7	9.7	12.9			22.6	155
	21	.6	7.1		1.3		7.7	9.7	8.4			18.1	155
TOTALS		.1	6.2		.3		6.4	10.2	23.1			33.0	1240

WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

73-77

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		5.3		.7		5.7	6.6	14.1			20.2	1240
FEB			8.9		1.4		9.6	12.3	18.8			30.5	1128
MAR			13.6	.2	1.0		14.3	18.5	18.0		.4	36.7	1240
APR			16.8				16.8	25.3	19.8		.1	44.6	1200
MAY		.5	13.5				13.5	21.3	15.6			36.5	1240
JUN		.5	19.5				19.5	37.2	15.7			52.2	1200
JUL		.6	12.6				12.6	30.0	16.5			45.7	1240
AUG		.8	11.3				11.3	24.4	17.1			40.8	1240
SEP		.2	13.1				13.1	22.8	16.8			38.8	1200
OCT		.1	15.1				15.1	26.7	24.8			50.7	1240
NOV			8.7		.1		8.7	14.9	18.5			32.9	1200
DEC		.1	6.2		.3		6.4	10.2	23.1			33.0	1240
TOTALS		.2	12.0	.0	.3		12.2	20.8	18.2		.0	38.5	14608

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WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

43323

STATION NAME
YOKOSUKA, JAPAN

53-77

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.2	28.4	.1	8.7		33.3	23.4	65.2			69.2	744
FEB		.4	36.3	.3	10.9		40.0	34.5	64.6	.1	.1	76.4	678
MAR		1.0	49.9	.3	8.9	.1	52.4	44.3	62.3		.5	74.5	775
APR		.5	55.1		.7	.1	55.3	51.7	60.0			79.2	750
MAY		2.6	52.0				52.0	56.5	61.2			80.6	775
JUN		4.0	64.0				64.0	70.8	60.7			83.1	750
JUL		3.7	55.0				55.0	63.6	55.6			73.7	775
AUG		6.1	45.4				45.4	57.2	58.1			71.2	775
SEP		4.4	58.9			.1	59.1	63.1	61.3			80.4	750
OCT		1.0	56.3			.1	56.4	64.9	70.6			88.3	775
NOV		1.5	42.4		.1		42.4	48.7	75.5			82.4	750
DEC		1.8	28.6		1.5		29.5	34.2	77.3			81.4	775
TOTALS		2.3	47.7	.1	2.6	.0	48.7	51.1	64.4	.0	.0	78.4	9072

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

43323 STATION YOKOSUKA, JAPAN JAN 1973-DEC 1977 YEARS MONTH JANUARY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.8				.3	1.3			6.8	2.3	13.8			75.5
NNE	6.4		.5			.5			4.3	2.1	15.0			75.9
NE	8.5					1.4			2.8		21.1			69.0
ENE	5.5								3.6	1.8	16.4			76.4
E									3.4	8.5				89.8
ESE	5.0								5.0	25.0				70.0
SE										16.7				83.3
SSE									10.0	10.0				80.0
S	15.0								10.0	5.0	10.0			70.0
SSW										5.3	5.3			89.5
SW		5.6									5.6			88.9
WSW	1.4	1.4							1.4	1.4	2.8			93.1
W									1.5					98.5
WNW											12.5			87.5
NW									3.7	3.7	18.5			75.9
NNW	5.1					.7			5.1	2.9	18.2			70.8
VARIABLE														
CALM														
TOTAL	63	2	1		1	8			53	28	171			965
% TOTAL	5.1	.2	.1		.1	.6			4.3	2.3	13.8			77.9

TOTAL NUMBER OF OBSERVATIONS 1,239

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

STATION

YOKOSUKA, JAPAN

STATION NAME

JAN 1973-DEC 1977

YEARS

FEBRUARY

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	10.3		.6			3.1			14.4	2.5	13.6			67.5
NNE	8.4								9.0	.6	21.6			67.1
NE	9.1	1.3	1.3						7.8	2.6	18.2			62.3
ENE	4.3					2.2			6.5	4.3	17.4			69.6
E	3.1		1.5			1.5				1.5	16.9			76.9
ESE											46.7			53.3
SE									11.1		33.3			55.6
SSE			6.7						13.3		20.0			60.0
S	6.9	6.9							10.3	3.4	13.8			65.5
SSW	5.1	5.1							5.1	5.1	12.8			69.2
SW	5.0	5.0							5.0		20.0			70.0
WSW	8.2								6.1		2.0			81.6
W	3.4		3.4								20.7			73.9
WNW										11.1	5.6			88.9
NW	2.4	2.4	2.4						2.4	2.4	28.6			64.3
NNW	10.4		.8			2.6			15.7	6.1	23.5			49.6
VARIABLE														
CALM	3.0								8.1		27.3			62.6
TOTAL	86	7	8			16			110	28	200			750
% TOTAL	7.6	.6	.7			1.4			9.8	2.5	17.7			66.5

TOTAL NUMBER OF OBSERVATIONS

1,128

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	18.7	1.5	.9	.9	.5	2.8			27.8	4.3	12.5			52.3
NNE	8.3	2.4	.5			.5			8.8	6.3	21.5			58.5
NE	12.5	1.0				1.0			10.6	3.8	23.1			56.7
ENE	4.6	2.3							4.6	5.7	23.0			64.4
E	3.8	1.3							6.4	3.8	15.4			71.8
ESE									3.6		28.6			67.9
SE	5.3								5.3		21.1			68.4
SSE	5.3	5.3							5.3					89.5
S	17.5	1.6							12.7	1.6	15.9			61.9
SSW	6.6	1.7							6.9	1.7	19.0			70.7
SW	2.4	2.4									24.4			70.7
WSW	6.3										10.4			85.4
W											7.7			92.3
WNW	14.3	28.6							14.3		14.3			42.9
NW	5.3								5.3	10.3	21.1			57.9
NNW	17.3	4.0	2.7			1.3			29.3	9.3	10.7			49.3
VARIABLE														
CALM	8.6	8.6	2.8						16.7	13.9	33.3			30.6
TOTAL	137	28	7	3	2	12			174	55	216			747
% TOTAL	11.0	2.0	.6	.2	.2	1.0			14.0	4.4	17.4			60.2

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

APRIL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	30.5	1.6	1.6						35.8	10.0	20.0			29.5
NNE	24.2	1.2	.6						27.3	6.8	19.9			41.6
NE	10.1	1.1	3.4						15.7	12.4	22.5			46.1
ENE	17.4								13.0	6.5	15.2			56.5
E	4.0								4.0	2.7	36.0			56.0
ESE										8.3	41.7			50.0
SE										12.5	50.0			37.5
SSE	11.8								11.6	8.8	17.6			61.8
S	14.3	2.4							10.7	4.8	13.1			63.1
SSW	6.2	1.4	.7						6.9	2.8	14.5			70.3
SW	3.4								6.8	3.4	22.0			67.8
WSW	4.9	2.4							7.3		19.5			70.7
W	15.8								5.3	15.8	15.8			52.6
WNW	21.4								21.4	14.3				57.1
NW	23.1								30.8	46.2				23.1
NNW	15.5	1.7	1.7						22.4	12.1	19.0			44.8
VARIABLE														
CALM	4.4								20.6	17.6	16.2			42.6
TOTAL	179	14	9						209	95	228			615
% TOTAL	14.9	1.2	.8						17.4	7.9	19.0			51.3

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	21.4	2.3	3.1					.8	32.8	10.7	10.7			42.7
NNE	11.7	.6							22.7	8.4	22.1			46.1
NE	9.1	2.6						1.3	15.6	6.3	22.1			49.4
ENE	3.9	5.9							3.9	7.8	21.6			58.8
E	6.9	2.8							4.2	1.4	27.8			55.6
ESE	3.0	3.0							6.1	3.0	27.3			57.6
SE	10.0								15.0	5.0	10.0			70.0
SSE	11.9								11.9	4.8	16.7			66.7
S	8.8	4.4	.4					.4	10.2	3.1	8.4			72.1
SSW	6.2	3.6						1.0	5.7	5.2	8.8			73.7
SW	4.3	4.3							12.8	6.4	10.6			66.0
WSW	3.7	3.7							3.7		18.3			74.1
W	5.0	5.0						5.0	15.0	5.0	15.0			60.0
WNW	15.4								23.1	15.4	7.7			53.8
NW	16.0								24.0	16.0	12.0			48.0
NNW	29.3		2.3						34.1	9.1	6.8			47.7
VARIABLE														
CALM	4.7	1.6	1.6						21.9	7.8	20.3			48.4
TOTAL	126	34	.8					6	107	77	183			736
% TOTAL	10.2	2.7	.6					.5	15.1	6.2	14.8			59.4

TOTAL NUMBER OF OBSERVATIONS

1,240

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	32.3	3.2	4.8						64.3	9.5	10.3			13.5
NNE	14.2	4.0	5.8					.4	37.8	9.8	16.0			33.3
NE	8.5	1.1	2.1						34.0	5.3	14.9			44.7
ENE	13.6	3.4	3.4					1.7	27.1	5.1	18.6			42.4
E	5.8	1.2	1.2					1.2	15.1	3.5	27.9			48.8
ESE	15.8								15.8	5.3	28.9			47.4
SE	8.3	4.2	4.2						12.5	8.3	20.8			54.2
SSE	8.2	10.2						2.0	12.2	12.2	14.3			53.1
S	7.7	6.5						1.3	7.1	5.2	14.2			66.5
SSW	7.1	2.4							11.8	10.2	13.4			62.2
SW	4.2	4.2							14.6	8.3	14.6			56.3
WSW	10.0	5.0							15.0		10.0			70.0
W	15.8	10.5							15.8	10.5	15.8			52.6
WNW	25.0								25.0	50.0				25.0
NW	17.6	5.9							35.3	17.6	11.8			35.3
NNW	35.4	4.2	2.1						56.3	14.6	6.3			22.9
VARIABLE														
CALM	13.3	1.7	3.1						40.0	21.7	10.0			28.3
TOTAL	163	45	28					6	339	107	183			526
% TOTAL	13.6	3.8	2.3					.5	28.3	8.9	15.3			43.9

TOTAL NUMBER OF OBSERVATIONS

1,199

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	9.0	6.0	9.0						49.3	14.9	7.5			25.4
NNE	12.9	1.9	6.5						43.2	12.9	12.9			29.7
NE	5.3	12.0	5.3					1.3	34.7	8.0	6.7			41.3
ENE	3.8	7.7	1.9					1.9	28.8	17.3	19.2			34.6
E	1.7	13.8	3.4					1.7	8.6	5.2	39.7			37.9
ESE		4.0	4.0					4.0	8.0	8.0	48.0			28.0
SE										42.9	28.6			42.9
SSE	5.6	2.8	2.8						11.1	8.3	36.1			44.4
S	3.5	2.0	.4					.8	5.9	5.1	11.8			76.0
SSW	3.4	2.3						.4	7.9	7.9	15.8			67.2
SW	4.3	1.4							2.9	18.8	14.5			62.3
WSW	9.5								2.4	14.3	28.6			47.6
W	12.5	6.3							6.3	12.5	25.0			50.0
WNW	20.0								20.0	40.0				40.0
NW	16.7	16.7							33.3	16.7	50.0			
NNW	29.4	5.9	11.8						32.9	23.5				23.5
VARIABLE														
CALM	12.1	1.1	2.2						38.0	22.0	13.2			32.0
TOTAL	80	46	30					7	234	138	203			638
% TOTAL	6.5	3.7	2.4					.6	18.9	11.1	16.4			51.5

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

STATION NAME

JAN 1973-DEC 1977

YEARS

AUGUST

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	15.0	11.3	3.8					2.5	45.0	13.8	10.0			32.5
NNE	5.6	9.6	4.5						27.6	10.3	25.6			32.1
NE	7.6	3.0	1.5					1.5	18.2	10.6	25.8			43.9
ENE		2.1	2.1						14.9	23.4	23.4			38.3
E	1.5	4.6							6.2	6.2	33.8			52.3
ESE									7.7	3.7	33.3			63.0
SE	7.7	7.7						2.0	5.9	5.9	15.4			69.2
SSE		2.0							6.2	8.7	3.9			80.4
S	6.2	5.4						.4	3.4	5.9	13.6			64.5
SSW	3.4	4.2							5.3	9.6	15.1			70.6
SW	3.2	6.4							2.5	25.0	10.0			60.0
WSW		2.5							6.7	26.7	13.3			53.3
W								16.7		50.0	16.7			16.7
WNW		16.7						14.3	28.6	28.6				35.7
NW		7.1							35.7	32.1	21.4			21.4
NNW	3.6		3.6											
VARIABLE														
CALM														
TOTAL	61	67	13					10	153	149	206			684
% TOTAL	4.9	5.4	1.0					.8	12.3	12.0	16.6			55.2

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

SEPTEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	18.6	6.4	1.6						32.4	10.1	15.4			38.8
NNE	8.0	3.7	.3						19.3	6.4	23.5			48.1
NE	10.0	4.3							10.0	5.7	24.3			60.0
ENE	1.8	5.4							8.9	1.8	19.6			66.1
E	5.3	5.3							7.9	2.6	25.0			60.5
ESE	10.0	6.7							13.3	10.0	33.3			43.3
SE	14.3	14.3								42.9				42.9
SSE	4.0								8.0		8.0			84.0
S	2.0	2.6							3.9	1.3	5.9			86.2
SSW		6.0						.7	2.7	3.3	7.3			63.3
SW	3.7	9.3							1.9	1.9	16.7			70.4
WSW	4.2	12.5						4.2	16.7		25.0			58.3
W											27.3			72.7
WNW	9.1								9.1	18.2	18.2			54.5
NW	6.7	6.7							23.3	30.0	10.0			40.0
NNW	21.0	1.2							43.2	16.0	17.3			25.9
VARIABLE														
CALM									16.7	30.8	16.7			48.0
TOTAL	97	56	4					2	107	86	197			702
% TOTAL	8.1	4.7	.3					.2	13.6	7.2	16.4			58.5

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

OCTOBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	17.7	1.4	.9					.3	27.7	9.7	22.6			35.4
NNE	8.1	2.2	.3						9.7	9.1	26.9			48.9
NE	9.7								13.6	2.9	26.2			49.5
ENE	4.5	1.5							4.5	4.5	18.2			65.2
E	3.4	1.7							5.1	8.5	27.1			54.2
ESE	5.0								5.0		25.0			55.0
SE	9.1								18.2		18.2			54.5
SSE	5.0	5.0							5.0	10.0	10.0			65.0
S	12.0	2.0							10.0	8.0	14.0			64.0
SSW	6.1	6.1							8.2	4.1	16.3			65.3
SW	3.6	7.1							3.6		21.4			67.9
WSW	3.7	3.7							3.7		14.8			77.8
W	9.1									18.2	9.1			54.5
WNW	22.2								22.2	22.2				55.6
NW	12.5								21.3	21.9	28.1			25.0
NNW	25.8	.6							29.0	17.4	18.1			31.0
VARIABLE														
CALM	14.1	1.6							18.6	6.3	23.4			51.6
TOTAL	162	21	4					1	219	112	271			575
% TOTAL	13.1	1.7	.3					.1	17.7	9.0	21.9			46.4

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

NOVEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	13.8	.9	.3						17.1	5.8	18.7			55.0
NNE	4.5	.9	.9			.5			7.7	2.3	17.2			67.0
NE	2.7								4.0	2.7	10.7			77.3
ENE	3.2								7.9	3.2	6.3			76.2
E	2.0										22.4			73.5
ESE	6.7								6.7	6.7	33.3			53.3
SE	14.3								14.3		14.3			71.4
SSE									20.0	10.0				70.0
S	22.6	3.2							12.9	3.2	9.7			61.3
SSW	8.2								2.0		6.1			85.7
SW		1.9								1.9	3.7			92.6
WSW	4.7								3.1					95.3
W										3.4	3.4			93.1
WNW		5.0							3.0		15.0			80.0
NW	5.9								17.6	17.6	20.6			38.2
NNW	13.1	.9							19.6	11.2	18.7			40.2
VARIABLE														
CALM														
TOTAL	93	9	3			1			126	52	186			782
% TOTAL	7.8	.8	.3			.1			10.3	4.3	15.5			65.2

TOTAL NUMBER OF OBSERVATIONS

1,200

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

STATION NAME

JAN 1973-DEC 1977

YEARS

DECEMBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	10.0	1.0				.3			11.7	4.9	20.4			58.9
NNE	7.9	1.6				1.6			8.5	4.8	15.9			63.0
NE	1.0	1.0							1.0	1.0	32.0			60.8
ENE		1.9							1.9		22.6			71.7
E		1.6							3.3	1.6	19.7			73.8
ESE										7.1	7.1			85.7
SE		7.7								7.7	30.8			38.5
SSE											16.7			83.3
S	8.7	4.3							8.7	8.7	13.0			65.2
SSW	5.7		2.9						5.7		5.7			80.0
SW	6.9	3.4						3.4	3.4		10.3			79.3
WSW	1.2								1.2		4.7			92.9
W											3.8			96.2
WNW										4.2	16.7			70.8
NW	3.2								3.2		19.0			68.3
NNW	5.4								8.1	9.4	30.2			49.0
VARIABLE														
CALM									2.7	10.8	35.1			54.1
TOTAL	64	12	1			4		1	77	49	242			814
% TOTAL	5.2	1.0	.1			.3		.1	6.2	4.0	19.5			65.6

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

ALL MONTH ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	15.7	1.8	1.2	.1	.1	.9		.1	24.0	6.3	16.0			50.5
NNE	10.1	2.3	1.7			.3		.0	18.3	6.3	19.7			51.6
NE	7.9	2.1	1.1			.2		.3	14.0	5.0	20.9			54.8
ENE	5.1	2.5	.6			.1		.3	10.1	6.3	18.5			60.6
E	3.4	2.6	.5			.1		.2	5.3	3.4	25.2			62.0
ESE	4.7	1.4	.4					.4	6.3	4.3	31.4			54.9
SE	6.3	2.8	.7						8.3	7.6	20.8			58.3
SSE	5.7	2.8	.6					.6	9.8	6.3	13.9			66.9
S	8.1	3.7	.1					.4	7.9	4.9	11.6			70.1
SSW	4.6	3.1	.1					.4	6.0	5.3	12.7			71.8
SW	3.4	4.1						.2	5.0	5.9	13.9			70.8
WSW	4.3	1.7						.2	3.9	3.2	9.8			79.8
W	3.5	1.3	.3					.3	3.2	4.8	9.6			79.9
WNW	7.3	2.7						.7	8.0	12.2	10.2			65.3
NW	6.6	1.7	.3					.6	14.6	12.9	18.6			51.9
NNW	15.4	1.0	.9			.5			23.1	11.3	18.7			43.8
VARIABLE														
CALM	4.3	1.4	.5					.3	18.6	15.2	20.6			66.9
TOTAL	1311	338	116	3	3	41		33	2068	976	2486			8534
% TOTAL	9.0	2.3	.8	.0	.0	.3		.2	14.2	6.7	17.0			58.4

TOTAL NUMBER OF OBSERVATIONS

14,606

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

43323 STATION YOKOSUKA, JAPAN STATION NAME 53-77 YEARS

PRECIP. SNOW- DEPTH	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
JAN	66.5	11.4	1.6	4.4	3.0	3.5	4.2	4.2	1.2					22.0	744	2.26	5.77	.08
FEB	60.0	11.1	1.8	5.5	2.7	6.5	5.3	5.0	2.1	.1				28.9	678	2.85	7.23	.26
MAR	47.6	14.7	1.9	7.9	4.4	7.0	6.6	5.8	3.7	.4				37.7	775	4.54	8.33	.61
APR	44.4	12.4	2.3	8.1	3.9	9.3	6.4	7.9	4.9	.4				43.2	750	5.42	7.76	2.09
MAY	47.9	9.2	.9	7.1	4.5	9.3	5.5	6.8	8.0	.8				43.0	775	7.22	15.11	2.20
JUN	36.0	14.4	1.9	6.4	6.1	10.4	7.6	8.7	6.7	1.5	.4			49.6	750	8.83	16.70	3.45
JUL	44.9	17.5	2.1	9.0	6.3	4.3	6.1	4.9	3.7	.6	.4	.1		37.5	775	5.80	18.22	.84
AUG	54.6	12.8	1.7	7.0	3.0	5.9	4.5	5.3	4.1	1.2				32.6	775	5.30	12.91	1.93
SEP	40.5	16.5	1.5	7.9	4.5	8.1	6.7	6.0	6.4	1.7	.1			42.9	750	7.54	16.42	1.25
OCT	43.2	14.3	2.2	6.1	4.5	6.1	7.2	8.9	6.3	.9	.3			42.5	775	7.52	15.51	1.53
NOV	57.6	9.1	2.3	7.2	4.4	6.1	4.9	4.8	2.9	.4	.3			33.3	750	4.37	9.41	.79
DEC	70.5	9.7	1.3	3.2	3.0	4.1	2.6	4.3	1.2	.3				19.9	775	2.46	9.45	.01
ANNUAL	51.1	12.8	1.8	6.6	4.2	6.7	5.6	6.0	4.3	.7	.1	.0		36.1	9072	64.11		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

43323 STATION — YOKOSUKA, JAPAN — 53-77 YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	91.4	7.4		.7	.1	.1	.3							1.2	744	.7	6.7	.0	
FEB	89.1	7.7	1.0	.7	.4	.6		.3	.1					3.2	678	1.6	13.0	.0	
MAR	91.0	7.9	.4	.3	.1			.3	.1					1.2	775	.9	9.5	.0	
APR	99.3	.7													720	TRACE	TRACE	.0	
MAY	100.0														775	.0	.0	.0	
JUN	100.0														750	.0	.0	.0	
JUL	100.0														775	.0	.0	.0	
AUG	100.0														775	.0	.0	.0	
SEP	100.0														750	.0	.0	.0	
OCT	100.0														775	.0	.0	.0	
NOV	99.9	.1													750	TRACE	TRACE	.0	
DEC	98.5	1.5													775	TRACE	TRACE	.0	
ANNUAL	97.4	2.1	.1	.1	.0	.1	.0	.0	.0					.5	9042	3.4			

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

43923 STATION NAME YOKOSUKA, JAPAN 53-77 YEARS

PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	5.0-10.00	10.01-20.00	20.01-50.4	50.4-120	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
															MEAN	GREATEST	LEAST
JAN	99.2	.1		.5	.1								.7	744			
FEB	97.5	.8	.8	.5		.3	.2						1.7	650			
MAR	99.5	.1	.1	.3									.4	775			
APR	100.0													720			
MAY	100.0													775			
JUN	100.0													750			
JUL	100.0													775			
AUG	100.0													775			
SEP	100.0													750			
OCT	100.0													775			
NOV	100.0													750			
DEC	100.0													775			
ANNUAL	99.7	.1	.1	.1	.0	.0	.0	.0					.2	9014			

EXTREME VALUES

PRECIPITATION (FROM DAILY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

53-77

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53	.82	.83	.72	1.52	1.34	3.19	3.36	1.06	3.29	1.52	.35	.80	
54	.75	1.51	1.56	2.24	2.40	3.70	.84	2.07	3.18	1.02	2.54	1.06	3.70
55	.85	.37	2.60	1.17	1.79	2.84	2.13	3.04	3.46	3.30	1.77	1.79	3.46
56	.79	1.40	1.48	1.38	2.42	1.68	1.20	1.50	1.98	3.26	.92	.54	3.26
57	.81	1.12	1.01	1.78	3.70	7.39	1.97	.76	2.66	5.11	1.61	.63	7.39
58	1.19	1.03	1.52	.54	1.10	.76	2.83	1.90	7.27	1.67	1.43	2.22	7.27
59	1.14	.13	1.33	2.78	2.26	1.43	.93	1.14	1.76	1.53	2.07	3.66	3.66
60	.66	.42	1.26	2.41	.94	7.84	.76	.51	2.28	1.83	.92	.98	3.38
61	.85	.24	.84	1.37	1.89	2.57	2.21	.78	.58	.99	3.22	.81	7.84
62	.10	.64	1.32	.74	2.30	3.86	1.44	2.11	1.32	2.75	2.23	.74	3.86
63	1.87	.60	1.03	.57	1.31	1.60	.73	1.35	1.64	1.43	.72	.75	1.87
64	.61	.31	2.91	1.37	4.31	2.33	1.45	2.84	3.09	2.18	1.91	.84	4.51
65	1.00	1.35	.80	2.16	2.85	9.44	1.56	1.50	1.91	2.03	.42	.56	9.44
66	1.32	.71	.79	1.26	1.20	1.47	1.60	1.74	1.79	1.80	.94	.37	1.80
67	.93	.76	1.87	1.41	1.76	3.06	4.10	4.09	1.18	1.35	1.24	3.38	4.10
68	.93	1.16	3.71	1.08	1.71	2.85	2.70	1.51	1.59	1.82	2.15	.36	3.71
69	1.82	.98	2.31	1.38	2.48	2.82	6.15	1.15	1.23	1.11	2.10	.82	6.15
70	1.23	.68	1.19	2.25	1.14	2.04	1.11	3.49	3.24	2.07	.28	1.32	3.49
71	1.13	2.58	.35	1.29	1.05	1.37	4.69	2.81	4.09	1.87	1.21	1.79	4.69
72	1.38	1.10	.40	1.21	2.69	1.33	1.35	.66	1.70	3.85	5.06	.01	5.06
73	.65	1.53	.84	2.67	3.59	2.06	11.07	1.79	1.95	1.86	.65	.27	11.07
74	1.08	2.05	1.49	1.38	1.69	1.65	6.04	.49	2.06	5.86	3.51	2.01	6.04
75	.07	1.46	1.22	1.43	1.89	1.75	5.24	2.68	1.77	2.71	.89	.58	5.24
76	.85	.45	2.28	2.61	2.21	3.09	1.15	2.49	3.62	.97	6.70	.66	6.70
77													
MEAN	.93	.98	1.46	1.54	2.09	2.93	2.72	1.87	2.39	2.21	1.90	1.15	5.04
S. D.	.420	.593	.796	.660	.888	2.178	2.393	1.004	1.362	1.241	1.498	.919	2.298
TOTAL OBS.	744	678	775	750	775	750	775	775	750	775	750	775	9072

NAVWEASERVCOM

5723 Extreme Values Jan 1969

196879

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

43323 STATION YOKOSUKA, JAPAN 53-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53	3.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
54	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
55	TRACE	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.4
56	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
67	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN	1.43	1.26	.64	TRACE	.00	.00	.00	.00	.00	.00	TRACE	TRACE	2.08
S. D.	1.062	1.899	1.872	.000	.000	.000	.000	.000	.000	.000	.000	.000	2.420
TOTAL OBS.	744	670	775	720	775	750	775	775	750	775	750	775	9042

NAVWEASERVCOM

SNOWFALL

43323	STATION	YOKOSUKA, JAPAN	STATION NAME
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YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

43323 STATION YOKOSUKA, JAPAN 53-77 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53	3	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	TRACE	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	1	0	0	0	0	0	0	0	0	0	1
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	2	0	0	0	0	0	0	0	0	0	0	0	2
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	11	0	0	0	0	0	0	0	0	0	0	11
68	0	4	0	0	0	0	0	0	0	0	0	0	4
69	0	1	0	0	0	0	0	0	0	0	0	0	2
70	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	1	0	0	0	0	0	0	0	0	0	0	1
75	0	2	0	0	0	0	0	0	0	0	0	0	2
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
MEAN	2	9	1	0	0	0	0	0	0	0	0	0	1.2
S. D.	721	2,399	440	000	000	000	000	000	000	000	000	000	2,468
TOTAL OBS.	744	630	775	720	775	750	775	775	750	775	750	775	9014

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SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
43323	YOKOSUKA, JAPAN	53-77

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

43323
STATION

YUKOSUKA, JAPAN
STATION NAME

1954-1977

YEARS

DAILY EXTREME AMOUNTS

JANUARY
MONTH

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.32	34	1967	T	T	1977*
2	1.38	35	1973	T	T	1972
3	0.82	21	1954	1.0	25	1971
4	1.00	25	1966	0.5	13	1971
5	0.25	6	1972	1.2	30	1971
6	0.35	9	1965	3.5	89	1965
7	0.48	12	1973	T	T	1973
8	0.69	18	1975	T	T	1968*
9	0.33	8	1961	T	T	1967*
10	0.32	8	1954			
11	1.13	29	1972	T	T	1965
12	0.45	11	1969	T	T	1963
13	0.93	24	1968			
14	0.80	20	1958	T	T	1962
15	0.96	24	1972	T	T	1973*
16	1.14	29	1960			
17	1.87	47	1964			
18	0.50	13	1973	T	T	1973
19	0.52	13	1956			
20	0.17	4	1954			
21	1.23	31	1971	0.6	15	1974
22	1.08	27	1975	T	T	1968*
23	0.74	19	1964	3.9	99	1954
24	0.56	14	1973	2.8	71	1954
25	0.82	21	1973	T	T	1964*
26	0.85	22	1977	T	T	1961
27	0.81	21	1958	T	T	1976*
28	0.80	20	1964	T	T	1977*
29	0.69	18	1969	T	T	1954
30	0.79	20	1957	1.7	43	1965
31	1.82	46	1970	T	T	1974*
Monthly	1.87	47	1964	3.9	99	1954

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.43	11	1972	T	T	1968*
2	1.12	28	1958	T	T	1963*
3	1.40	36	1957	T	T	1965*
4	0.80	20	1975	0.2	5	1972
5	1.16	29	1969	T	T	1976*
6	0.41	10	1974	1.0	25	1974
7	2.05	52	1975	1.5	38	1972
8	0.98	25	1970			
9	0.60	15	1964	T	T	1968*
10	0.68	17	1967	1.4	36	1972
11	0.71	18	1967	6.9	175	1967
12	0.61	15	1967	6.1	155	1967
13	2.58	66	1972	1.8	46	1971
14	0.83	21	1954	T	T	1967*
15	0.76	19	1968	5.0	127	1968
16	1.46	37	1976	1.7	43	1968
17	0.54	14	1954	T	T	1963
18	0.68	17	1969	T	T	1964*
19	1.10	28	1973	T	T	1954
20	1.53	39	1974			
21	1.02	26	1966	3.0	76	1975
22	0.99	25	1966	T	T	1964*
23	1.27	32	1976	0.4	10	1972
24	1.03	26	1959	0.1	3	1964
25	0.44	11	1970	3.2	81	1964
26	0.70	18	1959	0.1	3	1972
27	1.38	35	1972	3.2	81	1969
28	1.51	38	1955	3.4	86	1970
29	1.08	27	1976			
30						
31						
Monthly	2.58	66	1972	6.9	175	1967

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

1953-1977
YEARS

DAILY EXTREME AMOUNTS

MARCH
MONTH

APRIL
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.38	35	1968	T	T	1974*
2	1.56	40	1954	T	T	1972*
3	1.19	30	1971	T	T	1965*
4	0.95	24	1954	4.9	124	1969
5	0.90	23	1957	0.3	8	1970
6	0.28	7	1974	T	T	1975*
7	1.03	26	1964	T	T	1964*
8	1.48	38	1957	T	T	1966*
9	0.46	12	1955	T	T	1968*
10	1.52	39	1959	T	T	1971*
11	1.49	38	1954	T	T	1954
12	1.03	26	1968	4.6	117	1969
13	1.09	28	1955	8.1	206	1963
14	0.33	8	1961	0.2	5	1970
15	0.84	21	1962	T	T	1966
16	2.31	59	1970	T	T	1973
17	2.91	74	1965	T	T	1970*
18	0.85	22	1958	0.9	23	1974
19	2.60	66	1956	T	T	1974*
20	1.52	39	1955	T	T	1976
21	1.49	38	1975			
22	0.79	20	1967			
23	1.56	40	1955	T	T	1971
24	1.48	38	1977	T	T	1962
25	0.74	19	1964	T	T	1975
26	1.33	34	1960	T	T	1964*
27	1.22	31	1976	T	T	1974*
28	0.68	17	1955	T	T	1974*
29	0.98	25	1954	T	T	1958
30	3.71	94	1969			
31	0.79	20	1971			
Monthly	3.71	94	1969	8.1	206	1963

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.16	29	1971	T	T	1956
2	0.30	8	1973			
3	1.22	31	1962			
4	0.98	25	1966			
5	0.64	16	1960	T	T	1965
6	2.24	57	1954			
7	2.16	55	1966			
8	2.67	68	1974			
9	1.65	42	1977			
10	1.37	35	1962			
11	1.52	39	1953	T	T	1965
12	0.73	19	1954			
13	2.61	66	1977			
14	1.11	28	1965			
15	2.41	61	1961			
16	0.72	18	1953			
17	1.06	27	1969	T	T	1969*
18	1.75	44	1954			
19	0.55	14	1955			
20	2.78	71	1960			
21	1.45	37	1976			
22	1.04	26	1973			
23	1.78	45	1957			
24	0.74	19	1963			
25	1.09	28	1975			
26	1.27	32	1962			
27	1.98	50	1961			
28	0.95	24	1968			
29	2.25	57	1971			
30	0.89	23	1976			
31						
Monthly	2.78	71	1960	T	T	1969*

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

43323 STATION

YOKOSUKA, JAPAN STATION NAME

1953-1977 YEARS

MAY MONTH

JUNE MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.50	38	1955			
2	2.69	68	1973			
3	2.74	70	1965			
4	1.76	45	1968			
5	1.40	36	1962			
6	1.14	29	1971			
7	1.06	27	1966			
8	1.21	31	1968			
9	1.37	35	1954			
10	1.72	44	1960			
11	1.32	34	1969			
12	0.92	23	1962			
13	1.48	38	1968			
14	2.29	58	1956			
15	2.21	56	1977			
16	1.69	43	1975			
17	2.30	58	1963			
18	1.29	33	1959			
19	2.26	57	1960			
20	3.70	94	1957			
21	0.73	19	1976			
22	2.85	72	1966			
23	2.12	54	1959			
24	2.03	52	1956			
25	1.89	48	1976			
26	0.63	16	1970			
27	4.51	115	1965			
28	1.32	34	1963			
29	1.79	45	1955			
30	1.35	34	1969			
31	3.59	91	1974			
Monthly	4.51	115	1965			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.54	65	1970			
2	1.33	34	1954			
3	1.77	45	1963			
4	1.43	36	1965			
5	3.86	98	1963			
6	2.04	52	1971			
7	2.27	58	1954			
8	0.96	24	1953			
9	1.85	47	1966			
10	1.10	28	1959			
11	2.57	65	1962			
12	1.44	37	1957			
13	1.41	36	1963			
14	1.32	34	1954			
15	2.84	72	1955			
16	3.06	78	1968			
17	1.21	31	1977			
18	3.09	78	1977			
19	1.50	38	1970			
20	1.47	37	1964			
21	1.43	36	1960			
22	2.14	54	1969			
23	3.70	94	1954			
24	3.19	81	1953			
25	2.60	66	1977			
26	2.85	72	1969			
27	7.39	188	1957			
28	9.44	240	1966			
29	1.72	44	1961			
30	1.68	43	1956			
31						
Monthly	9.44	240	1966			

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

1953-1977
YEARS

JULY
MONTH

AUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	6.15	156	1970			
2	1.93	49	1968			
3	0.48	12	1976			
4	6.04	153	1975			
5	2.70	69	1969			
6	4.10	104	1968			
7	1.15	29	1977			
8	11.07	281	1974			
9	1.31	33	1969			
10	1.66	42	1957			
11	5.24	133	1976			
12	0.75	19	1976			
13	1.07	27	1956			
14	0.94	24	1972			
15	4.69	119	1972			
16	0.29	7	1968			
17	1.57	40	1957			
18	1.60	41	1967			
19	3.36	85	1953			
20	1.63	41	1953			
21	2.83	72	1958			
22	0.95	24	1965			
23	2.44	62	1958			
24	0.61	15	1967			
25	0.89	23	1960			
26	1.97	50	1957			
27	0.10	3	1968			
28	2.21	56	1962			
29	0.81	21	1973			
30	0.04	1	1973			
31	0.97	25	1963			
Monthly	11.07	281	1974			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.11	54	1963			
2	0.94	24	1960			
3	0.34	9	1953			
4	1.32	34	1969			
5	0.28	7	1969			
6	1.17	30	1967			
7	1.15	29	1970			
8	1.37	35	1955			
9	2.68	68	1976			
10	0.56	14	1972			
11	0.70	18	1959			
12	0.99	25	1955			
13	1.38	35	1977			
14	2.49	63	1977			
15	0.87	22	1966			
16	1.50	38	1966			
17	1.39	35	1974			
18	2.30	58	1977			
19	0.95	24	1966			
20	3.38	86	1960			
21	2.84	72	1965			
22	2.61	71	1972			
23	1.44	37	1969			
24	1.31	33	1958			
25	1.90	48	1958			
26	4.09	104	1968			
27	1.19	30	1968			
28	1.97	50	1968			
29	1.51	38	1963			
30	1.56	40	1968			
31	3.55	90	1968			
Monthly	4.09	104	1968			

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
43323

STATION NAME
YOKOSUKA, JAPAN

YEARS
1953-1977

DAILY EXTREME AMOUNTS

SEPTEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.46	88	1955			
2	1.95	50	1955			
3	0.43	11	1976			
4	1.50	38	1974			
5	1.59	40	1973			
6	1.48	38	1957			
7	3.24	82	1971			
8	3.62	92	1977			
9	3.09	78	1965			
10	2.69	68	1965			
11	1.65	42	1957			
12	1.79	45	1967			
13	3.05	77	1953			
14	1.77	45	1976			
15	4.09	104	1972			
16	3.09	78	1972			
17	3.18	81	1954			
18	1.81	46	1954			
19	1.31	33	1977			
20	0.43	11	1967			
21	0.86	22	1967			
22	0.84	21	1976			
23	2.06	52	1975			
24	3.29	84	1953			
25	2.60	66	1957			
26	7.27	185	1958			
27	1.74	44	1955			
28	2.06	52	1960			
29	2.86	73	1955			
30	1.70	43	1973			
31						
Monthly	7.27	185	1958			

OCTOBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.18	30	1963			
2	2.09	53	1956			
3	0.87	22	1955			
4	1.35	34	1968			
5	2.61	66	1975			
6	5.11	130	1957			
7	2.18	55	1965			
8	5.86	149	1975			
9	2.71	69	1976			
10	2.75	70	1963			
11	3.30	84	1955			
12	1.38	35	1971			
13	0.96	24	1974			
14	2.08	53	1973			
15	1.74	44	1965			
16	1.51	38	1958			
17	1.11	28	1970			
18	1.67	42	1958			
19	1.13	29	1963			
20	2.42	61	1976			
21	3.18	81	1973			
22	1.87	47	1972			
23	1.58	40	1956			
24	0.99	25	1968			
25	1.46	37	1969			
26	2.44	62	1963			
27	1.16	29	1960			
28	3.85	98	1973			
29	0.89	23	1963			
30	2.07	53	1971			
31	3.26	83	1956			
Monthly	5.86	149	1975			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

1953-1977

YEARS

DAILY EXTREME AMOUNTS

NOVEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.03	1	1970			
2	2.07	53	1959			
3	3.32	84	1962			
4	1.26	32	1959			
5	0.81	21	1965			
6	1.21	31	1972			
7	3.51	89	1975			
8	0.48	12	1962			
9	1.25	32	1973			
10	5.06	129	1973			
11	1.61	41	1957			
12	0.45	11	1967			
13	0.80	20	1960			
14	1.43	36	1958			
15	2.29	58	1975			
16	2.15	55	1969			
17	6.70	170	1977			
18	1.26	32	1961			
19	2.54	65	1954			
20	2.10	53	1970			
21	1.77	45	1955			
22	2.46	62	1961			
23	0.46	12	1965			
24	0.89	23	1960	T	T	1975
25	2.23	57	1963			
26	0.62	16	1962			
27	0.35	9	1962			
28	1.45	37	1954			
29	0.09	2	1959			
30	1.06	27	1958			
31						
Monthly	6.70	170	1977	T	T	1975

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.81	21	1961	T	T	1966
2	0.35	9	1970			
3	3.68	93	1959			
4	0.98	25	1960			
5	3.38	86	1968			
6	0.25	6	1954			
7	0.45	11	1975			
8	1.79	45	1972			
9	0.91	23	1954	T	T	1975
10	1.72	44	1968			
11	0.58	15	1965			
12	2.08	53	1968			
13	0.72	18	1970	T	T	1972
14	0.22	6	1967			
15	0.99	25	1959			
16	0.63	16	1977	T	T	1965
17	0.66	17	1964			
18	0.63	16	1953			
19	0.65	17	1954	T	T	1967
20	0.66	17	1959	T	T	1975
21	1.79	45	1955			
22	0.54	14	1968			
23	0.84	21	1965			
24	0.91	23	1972	T	T	1973*
25	0.70	18	1960			
26	2.22	56	1958			
27	1.32	34	1971	T	T	1975
28	0.75	19	1964	T	T	1965*
29	0.49	12	1965			
30	1.86	47	1962			
31	0.82	21	1970	T	T	1967
Monthly	3.68	93	1959	T	T	1975*

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

43323 STATION NAME
YOKOSUKA, JAPAN

53-77

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53	NNE 53SW	62NNE	63SW	67SW	S 52WSW	49SSW	44N	63SSW	85NE	37			
54	W 61WSW	60SSE	69SSW	58N	50SSW	48S	47SW	39S	43WNW	68SW	49N	90WSW	54
55	N 52W	50SSW	51SSW	64SW	60SSW	40N	28SSW	48N	59SSW	44NNE	36SW	49	55W 64
56	SW 51NE	42NE	50SSW	42									
57													
58							SSW 76		SSW	44NNE	45S	46	
59	SW 46NNE	47S	54S	53SW	54ENE	35WSW	44S	60S	81NNE	52NNE	36SSW	47	5 81
60	WSW 49W	48NNE	57SSW	49NNE	46SSW	59S	45NNE	62NE	36NNE	51N	39WSW	45	NNE 62
61	SSW 51WSW	48NE	44SSW	56SSW	55SSW	43WSW	34WSW	34SSW	71N	74N	51NNE	40	N 74
62	WSW 44WSW	44W	46SSW	59NNE	40SSW	42SW	41NNE	54WSW	39N	39W	45SSW	44	SSW 59
63	WNW 60WSW	40SSW	54SW	50SSW	45NNE	42SSW	43NE	71WSW	40NNE	55NNE	45WSW	48	NE 71
64	SSW 41NNE	42W	49WSW	47NNE	44SW	57SW	51SSW	38SSW	76NNE	42W	47N	39	SSW 76
65	N 43WSW	40W	48NNE	50SSW	59SSW	47SSW	48S	53SSW	83NNE	57SSW	56WSW	52	SSW 83
66	WSW 40NNW	62SW	53SW	46SW	50N	59S	57N	40SSE	73SW	35S	44NNW	37	SSE 73
67	WSW 37SSW	41S	55SSW	55S	43NNE	40S	44WSW	36N	53S	47SW	43WSW	43	S 55
68	SW 44N	59S	53SW	41N	39S	41S	43S	55N	32N	41WSW	49WSW	40	N 59
69	WSW 46SSW	47N	56SSW	65SSW	56S	61SSW	44S	70S	40N	39N	38SW	46	S 70
70	SSE 61WSW	49WSW	45WSW	49NNW	39NNW	32SW	45S	46SW	36N	43NNW	58WSW	45	SSE 61
71	SW 4116	3519	4419	5519	6119	5333	4716	5033	6224	3924	4535	45	33 62
72	23 6016	5618	60	20	5919	5524	4735	5018	5801	4125	5501	53	
73	24 4825	5526	6020	5419	4102	3221	3521	4019	3519	4424	5026	50	26 60
74	36 4225	4525	5819	6820	4219	4315	3719	5419	3724	3524	4927	43	19 68
75	24 5136	4417	5119	5924	4221	4224	4519	57					
76	24 4520	5319	5122	5121	5122	5019	5525	3801	3829	4805	4025	50	19 55
77	24 5122	4620	5622	5921	4416	3623	3435	4233	5301	3524	4824	43	22 59
MEAN	48.6	48.5	53.3	54.4	49.9	46.2	45.2	50.4	54.6	46.0	48.0	46.0	67.6
S. D.	7.038	7.531	6.228	7.551	9.052	8.840	9.371	10.853	18.033	10.052	11.133	4.855	9.720
TOTAL OBS.	709	649	711	659	712	688	743	712	659	713	660	679	8294

NAVWEASERVCOM

5723 Extreme Values Jan 1969

STATION	STATION NAME

SURFACE WINDS
FROM DAILY OBSERVATIONS

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

5723 Extreme Values Jan 1969

[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.8	9.7	7.1	3.9	.6						29.0	10.2
NNE	1.3	3.9	4.3	1.3	2.6							13.5	9.4
NE		.6	1.9		1.3							3.9	11.7
ENE			.6									.6	10.0
E			.6									.6	10.0
ESE													
SE													
SSE													
S		.6	.6		.6							1.9	11.3
SSW													
SW				.6								.6	16.0
WSW		1.9	.6	1.9		1.3						3.8	11.4
W	1.3	1.9	2.6	1.9								7.7	7.0
WNW	.6		.6									1.3	5.0
NW	1.9	9.0	2.6	.6								14.2	5.6
NNW	2.6	6.5	9.0	.6	.6							19.4	7.1
VARBL													
CALM												1.3	
	9.7	30.3	33.5	14.2	9.0	1.9						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEAR

JAN

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.8	8.4	10.3	3.2	.6						31.0	10.2
NNE	1.9	1.9	9.0	3.2	1.9							17.4	9.7
NE	1.3	1.3	.6									1.9	6.0
ENE	1.3	.6										1.9	2.7
E	.6											.6	1.0
ESE													
SE													
SSE	1.9					.6						2.6	7.0
S			.6									.6	10.0
SSW													
SW													
WSW	.6	3.9	1.3	1.3	.6	1.3						3.2	13.6
W	1.3	.6	.6	.6	.6							7.7	10.3
WNW	1.3	.6	.6									1.9	4.7
NW	1.3	3.4	.6	.6								5.8	5.6
NNW	1.9	8.4	5.7	1.3								21.3	6.8
VARBL													
CALM												3.9	
	12.9	25.2	31.6	17.4	6.5	2.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JAN

MONTH

06

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	12.3	16.0	7.7	.6							41.9	8.0
NNE		4.5	4.5	5.2	.6	1.3						16.1	10.6
NE			.0	.6								1.3	11.0
ENE	.6	.6	.6									1.9	5.3
E		1.9										1.9	4.7
ESE													
SE		.0										.6	5.0
SSE													
S													
SSW				.6								.6	12.0
SW													
WSW			.6	1.9	.6							3.2	13.4
W		1.3		1.9	.6	1.3						5.2	14.6
WNW	.6	.6										1.3	3.5
NW	1.3	3.2	.6									5.2	4.4
NNW	3.2	9.7	4.5	1.3								18.7	5.8
VARBL													
CALM												1.9	
	10.3	34.0	23.4	19.4	2.0	2.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

MONTH
JAN

CLASS

ALL WEATHER

09

HOURS (L.S.T.)

YEARS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.8	7.8	13.0	10.4	3.9							42.9	8.6
NNE	1.3	6.5	3.2	3.9	.6							15.6	8.4
NE	2.6	1.3	.6	1.3	.6							6.5	6.9
ENE			.6									.6	8.0
E	1.3	.6										1.9	3.7
ESE	.6											.6	2.0
SE													
SSE		.6										.6	5.0
S	.6	.6										1.3	3.0
SSW	.6											.6	2.0
SW					.6							.6	16.0
WSW			2.6	1.9	.6							5.2	12.5
W		.6	1.3	3.2								5.2	10.3
WNW		.6										.6	4.0
NW	2.6											2.6	1.8
NNW		5.2	2.6	1.9								9.7	7.8
VARBL													
CALM												5.2	
	17.5	24.0	24.0	22.7	6.5							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	9.0	6.5	1.9							22.6	9.9
NNE	1.3	5.2	6.5	8.4								21.3	9.0
NE	1.9	5.8	3.2	1.3		.6						12.9	6.9
ENE	1.9	6.5	.6									9.0	4.2
E	5.8	2.6	.6									9.0	3.4
ESE	2.6	.6										3.2	3.6
SE													
SSE		.6										.6	6.0
S		.6			.6							1.3	11.0
SSW				.6								.6	15.0
SW	.6	1.9	.6	1.9	3.2							1.3	10.5
WSW		.6		1.3	.6							7.7	13.7
W		.6										2.6	12.3
WNW		.6										.6	6.0
NW			1.3									1.3	9.0
NNW													
VARBL												5.8	
CALM													
	15.5	29.0	21.9	20.0	7.1	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.0	5.2	5.2	2.6	1.3						15.5	13.0
NNE	2.6	4.5	2.6	3.2	.6							13.5	7.8
NE	3.9	3.9	5.2									9.0	7.1
ENE	3.9	5.2	3.9	1.3								14.2	5.7
E	3.9	3.9	1.9	.6								10.3	4.7
ESE		4.5										4.5	4.4
SE	1.3											1.3	1.5
SSE	1.3											1.3	1.5
S		.6	.6	.6								1.9	9.3
SSW		2.6	.6	1.9								5.2	9.0
SW		.6	.6	.6	.6							2.6	12.0
WSW	.6		1.9	3.9	1.9	1.3						9.7	14.2
W		.6	.6	1.3	.6	.6						3.9	14.2
WNW		.6										.6	4.0
NW	.6											.6	1.0
NNW		.6	1.3	.6								2.6	8.0
VARBL													
CALM												3.2	
	14.8	28.4	24.5	19.4	6.5	3.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

43323 YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JAN

MONTH

18

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.9	6.5	12.3	5.2	.6						29.0	12.3
NNE		2.6	4.3	4.5								11.6	9.7
NE	.6	1.9	3.2	2.6								8.4	8.2
ENE	.6	3.2	.6									4.5	4.7
E	1.3	4.5	1.9									7.7	5.0
ESE	1.9		1.3									3.2	4.6
SE	.6											.6	2.0
SSE	.6	1.9										2.6	3.8
S	.6	1.9	.6									3.2	4.8
SSW		1.9	.6	1.3								3.9	8.5
SW	.6	1.3	.6	1.3	.6							4.5	9.1
WSW			.6	2.6	1.9							3.2	13.9
W			1.3	1.9	.6							3.9	13.0
WNW	1.3			.6								1.9	5.0
NW	1.3											1.3	2.5
NNW	1.3	.6	.6	.6								3.2	6.2
VARBL													
CALM												5.2	
	11.6	23.9	22.6	27.7	8.4	.6						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YUKOSUKA, JAPAN

73-77

YEARS

JAN

MONTH

21

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	5.2	11.0	14.2	4.5	.6						36.1	11.4
NNE	1.3	2.6	2.6	4.5		.6						11.6	10.0
NE			.6	1.3								1.9	10.7
ENE		2.6										2.6	4.5
E		3.2	1.9	.6								5.8	7.0
ESE		1.3										1.3	5.0
SE		1.3										1.3	4.5
SSE	.6	.6										1.3	3.0
S				.6								.6	13.0
SSW		.6										.6	6.0
SW		.6	.6	.6								1.9	8.3
WSW	.6	1.3	1.3	1.3	1.9							6.5	12.0
W	1.3	1.9	1.9	1.3	1.3							5.8	10.2
WNW		1.9										1.9	5.3
NW		1.3	3.9									5.2	7.3
NNW	.6	5.8	3.2	2.6								12.3	7.5
VARBL													
CALM												3.2	
	5.2	28.4	27.1	27.1	7.7	1.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

73-77

JAN

STATION NAME

YOKOSUKA, JAPAN

YEARS

JAN

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.6	9.9	9.2	3.2	.5						31.0	10.1
NNE	1.1	4.0	4.7	4.3	.8	.2						15.1	9.3
NE	.6	1.9	2.0	.9	.2	.1						5.7	7.8
ENE	1.0	2.3	.9	.2								4.4	5.1
E	1.6	2.1	.9	.2								4.8	4.8
ESE	.8	.8	.2									1.6	4.2
SE	.2	.2										.5	3.2
SSE	.3	.3										.6	3.5
S	.4	.6	.2	.2	.2	.1						1.6	7.8
SSW	.1	.6	.2	.6								1.5	8.8
SW	.2	.3	.2	.4	.3							1.5	10.7
WSW	.2	.6	1.2	2.1	1.4	.3						5.8	13.4
W	.4	1.1	1.0	1.7	.6	.4						5.2	10.9
WNW	.3	.6	.2	.1								1.3	4.8
NW	1.1	2.1	1.0	.2								4.4	5.2
NNW	1.2	4.0	4.0	1.1	.1							11.1	6.9
VARBL													
CALM												3.7	
	12.2	28.0	26.7	21.0	6.8	1.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1239

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YUKOSUKA, JAPAN

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

00

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	8.3	10.6	12.8	6.4							39.7	11.0
NNE		2.6	2.8	4.3	2.1		.7					12.8	12.0
NE		2.1	.7	1.4								4.3	8.2
ENE		2.1		1.4								3.3	8.0
E	.7	1.4										2.1	4.0
ESE													
SE	.7											.7	3.0
SSE	.7											.7	2.0
S	.7	1.4	1.4		.7	.7						.7	22.0
SSW			1.4	.7	.7							4.3	8.0
SW			1.4	.7	.7							1.4	16.5
WSW	.7	1.4	1.4	.7	.7	.7						2.1	10.3
W	.7	.7	.7	.7	.7							3.3	9.6
WNW	.7	.7	.7	.7	.7							2.1	8.7
NW		6.4	3.3									9.9	6.0
NNW	2.1	3.3	2.1	.7	.7							9.2	6.8
VARBL													
CALM												2.8	
	7.8	30.3	22.7	22.0	12.1	1.4	.7					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

03

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.3	14.9	9.2	5.0	.7						35.5	10.8
NNE	.7	2.1	5.0	7.1	1.4	.7						17.0	11.2
NE	.7	3.5	.7	.7								5.7	6.3
ENE	.7		.7									1.4	5.0
E		.7	.7									1.4	7.0
ESE													
SE													
SSE													
S		.7		1.4								2.1	11.7
SSW		1.4				.7						2.1	10.7
SW				2.1								2.1	13.7
WSW			.7	.7	.7							1.4	14.0
W			.7	.7								1.4	10.0
WNW	.7	2.1	.7									3.5	5.0
NW	1.4	4.3										5.7	4.1
NNW	2.1	5.7	7.1	2.1	1.4							18.4	7.9
VARBL													
CALM												2.1	
	7.8	24.6	31.2	23.4	8.5	2.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

06

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

0000

TOTAL NUMBER OF OBSERVATIONS

141

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.3	21.3	9.2	4.3	.7						42.6	10.2
NNE	.7	2.1	6.4	1.4	1.4							12.1	9.2
NE	.7	4.3	2.1	1.4								8.5	7.4
ENE	.7		.7	.7								2.1	7.0
E	.7											.7	2.0
ESE													
SE		.7										.7	4.0
SSE													
S	.7											.7	2.0
SSW				.7	.7							1.4	18.0
SW			1.4	.7								2.1	10.0
WSW			.7	2.1	1.4							4.3	14.0
W		.7										.7	5.0
WNW	.7											.7	2.0
NW	.7	5.0	1.4									7.1	4.8
NNW	.7	7.8	5.7	.7	.7							15.6	7.3
VARBL													
CALM												.7	
	8.5	24.8	39.7	17.0	8.5	.7						100.0	8.9

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.5	11.3	13.3	10.6	5.7		.7					45.4	10.1
NNE	2.1	5.0	5.0	4.3	1.4							17.7	8.6
NE	.7	2.8	.7	1.4								5.7	6.8
ENE		.7	1.4									2.1	6.3
E	1.4	1.4										2.8	3.5
ESE	1.4	.7										2.1	2.7
SE	.7											.7	1.0
SSE		.7										.7	5.0
S													
SSW			1.4			1.4						2.8	16.0
SW			.7									.7	9.0
WSW			.7	.7								1.4	10.5
W		1.4			.7							2.1	10.0
WNW		.7	.7									.7	6.0
NW		.7	.7									1.4	8.0
NNW	1.4	.7	4.3	2.8	.7							9.9	9.4
VARBL													
CALM												3.5	
	11.3	26.2	26.4	19.9	8.5	1.4	.7					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

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HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

0000

TOTAL NUMBER OF OBSERVATIONS

141

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	9.9	6.4	.7	1.4						22.0	10.6
NNE	1.4	6.4	6.4	3.5	2.1	1.4						21.3	9.6
NE	2.1	4.3	2.8	1.4								10.6	6.4
ENE		3.0	1.4									6.4	5.7
E	4.3	6.4	3.5									14.2	5.1
ESE	2.1		.7									2.8	3.3
SE	.7	.7	.7									2.1	5.0
SSE	.7											.7	3.0
S	1.4	.7		.7								2.8	5.3
SSW			2.8	.7	.7							4.3	11.7
SW			.7									.7	10.0
WSW		.7	.7	1.4		1.4						4.3	15.0
W		2.1	1.4									3.3	6.6
WNW													
NW	.7				.7							.7	3.0
NNW		2.1										2.8	8.5
VARBL													
CALM												.7	
	14.2	31.2	31.2	14.2	4.3	4.3						100.0	8.2

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION

STATION NAME

ALL WEATHER

CLASS

YEARS

73-77

FEB

MONTH

15

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	1.4	3.3	.7	1.4						11.3	10.8
NNE	2.1	2.1	3.0	6.4	.7							16.3	9.3
NE	2.8	2.8	2.8	2.1								10.6	6.5
ENE	1.4	.7	2.1	.7								5.0	7.1
E	2.8	7.1	2.1	2.1								14.2	5.8
ESE	2.1	1.4										3.3	3.2
SE													
SSE	.7	.7	1.4									2.8	5.8
S		.7	2.8	2.8	.7							7.1	10.9
SSW		.7	2.8	1.4	.7							5.7	10.5
SW		.7		1.4								2.1	11.0
WSW	.7	1.4	.7	2.8	2.8		.7					9.2	14.2
W	.7	1.4	1.4									3.3	5.4
WNW		.7										.7	4.0
NW		.7										.7	6.0
NNW			.7	.7	1.4		.7					3.5	18.0
VARBL													
CALM												3.5	
	15.6	23.4	23.4	24.1	7.1	1.4	1.4					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.7	5.0	5.7	6.4	2.1	.7					22.7	13.6
NNE	1.4	.7	3.5	3.5	1.4							10.6	10.3
NE	.7	.7	4.3		.7							6.4	8.8
ENE	.7	5.7	.7	2.1								9.2	6.8
E			2.1	2.8								5.0	10.0
ESE	.7			.7								1.4	7.0
SE	.7											.7	1.0
SSE	.7	1.4	.7		.7							3.5	6.8
S		2.0	2.1									5.0	6.7
SSW	.7	.7		.7	.7							2.8	9.5
SW	.7	.7	1.4	1.4								4.3	9.5
WSW		.7	1.4	4.3								6.4	11.8
W		2.1			1.4							3.5	10.2
WNW	1.4											1.4	2.0
NW	1.4	1.4										2.8	3.8
NNW	.7	2.8		2.8	.7							7.1	9.5
VARBL													
CALM												7.1	
	12.1	20.0	21.3	24.1	12.1	2.1	.7					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

YEARS

FEB

MONTH

ALL WEATHER

21

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	10.6	10.3	5.7	.7						36.2	12.3
NNE	1.4	2.0	1.4	4.3	.7							10.6	9.4
NE		.7	.7	1.4								2.8	9.3
ENE		1.4	.7	.7								2.8	7.8
E	1.4	1.4		2.8								5.7	8.0
ESE	.7											.7	1.0
SE	.7	.7										1.4	2.5
SSE	1.4	.7										2.1	3.3
S			1.4		.7							2.1	12.3
SSW		.7	2.1	.7	.7							4.3	10.8
SW	.7	.7	.7	.7	.7							.7	8.0
WSW	.7	.7	2.1	.7	.7	.7						5.7	11.1
W	.7	.7				.7						2.1	9.3
WNW		2.1	1.4									3.5	5.8
NW		.7	.7									1.4	8.0
NNW	1.4	5.0	3.5	3.5	1.4							14.9	8.6
VARBL													
CALM												2.6	
	8.5	20.6	25.5	30.5	9.9	2.1						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

HOURES (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.6	10.9	9.2	4.3	.9	.2					31.9	11.1
NNE	1.2	3.0	4.4	4.3	1.4	.3	.1					14.8	9.9
NE	1.0	2.7	1.9	1.2	.1							6.8	7.2
ENE	.4	2.0	1.0	.7								4.1	6.8
E	1.4	2.3	1.1	1.0								5.8	6.0
ESE	.9	.3	.1	.1								1.3	3.5
SE	.4	.3	.1									.8	3.2
SSE	.3	.4	.3		.1							1.3	5.1
S	.3	.0	.0	.6	.2	.1						2.6	9.4
SSW	.2	.6	1.3	.5	.5	.3						3.5	11.2
SW	.1	.2	.6	.8	.1							1.8	11.1
WSW	.2	.4	1.1	1.5	.8	.3	.1					4.3	12.9
W	.3	1.2	.4	.2	.3	.2						2.6	8.3
WNW	.4	.8	.3		.1							1.6	5.3
NW	.5	2.4	.6									3.7	5.3
NNW	1.1	3.3	2.9	1.7	1.0		.1					10.2	8.6
VARBL													
CALM												2.9	
	10.7	25.3	27.9	21.9	8.9	2.0	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

1128

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

00

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.0	9.7	11.6	5.8	1.3						32.9	12.3
NNE	1.3	4.3	3.9	4.3	1.3	.6						16.1	9.7
NE		1.3	3.2	1.3								7.7	8.8
ENE		3.4	3.9	.6								7.7	7.6
E		.6		.6								1.3	7.5
ESE			.6									.6	10.0
SE		.6										.6	4.0
SSE		.6										.6	4.0
S	1.3	1.3	.6	1.3								4.3	7.1
SSW	.6	1.3		1.9								3.9	8.3
SW		1.3	2.6									3.9	6.5
WSW		.6	1.9		1.3							3.9	11.0
W		1.3		.6								1.9	7.3
WNW		1.3										1.3	5.0
NW		1.9	1.3									3.2	6.0
NNW		2.0	1.9	3.2								7.7	9.3
VARBL													
CALM												1.9	
	5.2	25.2	31.0	25.6	8.4	1.9						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION

STATION NAME

73-77

YEARS

MAR

MONTH

03

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.3	12.9	7.7	8.4	.6						34.8	11.8
NNE	.6	3.2	7.1	7.1	.6							18.7	10.1
NE	1.9	3.2	1.3	.6								7.1	9.1
ENE	1.3	1.3	1.3	.6								4.3	6.3
E	.6	.6										1.3	3.0
ESE													
SE	1.3											1.3	3.0
SSE	.6												
S			.6	.6		.6	.6					3.2	15.6
SSW			1.3									1.3	7.5
SW		1.9	.6									2.6	7.0
WSW			1.3	1.9								3.2	11.8
W		.6	.6									1.3	5.5
WNW		.6										.6	5.0
NW	1.3	.6	1.3									3.2	4.8
NNW	1.9	5.2	3.9	2.6	.6							14.2	7.8
VARBL													
CALM												2.6	
	8.4	20.6	34.2	21.9	10.3	1.3	.6					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

06

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	6.3	16.1	14.8	3.2							43.2	10.0
NNE	.6	3.2	5.2	7.1	.6							16.8	9.9
NE		2.6	3.9	3.2								9.7	8.9
ENE	.6	.6	.6	.6								2.6	6.6
E	.6	.6										1.3	3.5
ESE													
SE													
SSE	.6											.6	3.0
S		.6		.6		.6		.6				1.9	21.0
SSW				.6								.6	13.0
SW		.6	1.3	1.9								3.9	11.0
WSW				.6	.6							1.3	17.0
W		1.9	.6									2.6	6.3
WNW		1.9										1.9	4.0
NW	.6	1.9										2.6	4.0
NNW	.6	3.2	2.6	3.2	.6							10.3	8.9
VARBL													
CALM												.6	
	6.5	23.9	30.3	32.3	5.2	.6		.6				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	16.1	10.3	.6	.6						31.6	10.2
NNE	3.9	10.3	7.7	7.1	.6							29.7	8.1
NE	1.3	3.9	4.3	1.9								11.6	7.4
ENE	1.3	5.2	1.3									7.7	4.8
E	1.3	.6	.6									2.6	4.5
ESE	.6											.6	3.0
SE													
SSE				.6	.6							1.3	16.5
S			1.3	.6	.6	.6						2.6	13.3
SSW		1.3	.6	.6								1.9	9.3
SW		.6	.6	1.3	.6			.6				1.3	8.0
WSW												2.6	21.3
W													
WRW													
NW		.6	.6	3.2								4.5	12.4
NNW													
VARBL												1.9	
CALM												100.0	8.9
	9.7	25.2	32.9	25.8	2.6	1.3		.6					

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YUKOSUKA, JAPAN

73-77

MAR

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

MONTH

12

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	5.2	4.5	3.9	2.6							16.8	10.3
NNE	1.9	7.1	7.1	5.2	1.3							22.6	8.7
NE	.6	1.9	3.9	2.6								9.0	8.6
ENE	3.2	4.5	2.6	1.3								11.6	5.9
E	5.2	7.1	2.6									14.8	4.6
ESE	2.6	1.3	.6									4.5	4.0
SE			.6									.6	10.0
SSE													
S			1.3	.6								1.7	10.7
SSW		.6	.6	3.2		.6						5.2	13.3
SW			1.3	.6		.6	.6					3.2	16.0
WSW		.6	.6	1.9								3.2	11.6
W	.6		.6		.6							1.9	11.0
WNW													
NW													
NNW		.6	.6	.6								1.9	9.0
VARBL												2.6	
CALM													
	14.8	29.0	27.1	20.0	4.5	1.3	.6					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAR

MONTH

15

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	.6	7.1								11.6	9.9
NNE	1.3	1.9	1.3	3.2								7.7	8.3
NE	1.9		2.6	2.6								7.1	8.9
ENE	1.9	4.5	1.9									8.4	4.8
E	1.3	7.1	0.6									14.8	6.1
ESE		1.9	1.9	.6								4.5	6.7
SE	1.3	.6	.6									2.6	4.5
SSE	.6	1.3	.6	.6								3.2	6.4
S	1.3	.6	3.9	3.2	1.3	.6						11.6	10.5
SSW		1.3	1.9	3.9	.6	.6						8.4	11.5
SW	.6	.6		1.9	.6	.6						3.9	14.8
WSW	.6		.6	1.9	1.3	.6	.6					5.8	16.0
W	.6			.6								1.3	8.5
WNW													
NW													
NNW	.6	.6	.6	1.9								3.9	9.5
VARBL													
CALM												5.2	
	12.3	23.9	23.2	29.7	3.2	1.9	.6					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

STATION NAME
YOKOSUKA, JAPAN

YEARS
73-77

MONTH
MAR

CLASS
ALL WEATHER

MOORE (L.S.T.)
18

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	3.2	1.7	4.5	.6						20.0	12.3
NNE		.6	.6	1.9	1.3							4.5	13.6
NE	1.9	.6	1.9	1.3								3.8	7.1
ENE	.6	2.6	.6	.6								4.5	6.4
E	.6	1.3	4.5	2.6								9.0	9.3
ESE	1.9		1.3	.6								3.9	6.3
SE	.6	1.3	2.6	.6								5.2	7.3
SSE	1.3	1.3	1.9	.6								5.2	6.5
S	1.9	1.3	3.9	1.9	.6							9.7	8.5
SSW	1.3	2.6	4.5	2.6								11.0	7.9
SW	.6	1.3	1.3	1.3	.6							3.2	10.1
WSW	.6		1.9	1.3	.6	.6						3.2	12.6
W	.6	1.3		1.3								3.2	8.2
WNW													
NW													
NNW	1.9	.6		1.3								3.9	6.7
VARBL													
CALM													
	15.5	17.4	28.4	25.8	7.7	1.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAR

STATION NAME

YEARS

MONTH

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	3.9	7.7	3.9	1.3						20.0	12.6
NNE		1.9	4.5	6.5	3.2							16.1	12.1
NE	.6	1.3	1.9	4.5	.6							9.0	10.4
ENE	1.3	2.6	3.2	1.9								9.0	7.2
E	.6	1.3	2.6	.6								5.2	7.0
ESE	.6	.6	2.6									3.9	7.0
SE	.6	1.3										1.9	3.7
SSE	.6	.6	1.3									2.6	6.0
S	.6	2.6	.6	1.9	.6							6.5	8.6
SSW		1.9	1.3	1.3								4.5	8.6
SW		1.3	.6	1.3								1.9	11.3
WSW		1.3	1.9	3.9	.6							7.1	10.7
W		1.3										1.9	10.3
WNW		1.3	.6									.6	8.0
NW		1.3	1.9									3.2	6.6
NNW			1.3	.6								1.9	9.3
VARBL													
CALM												4.5	
	5.8	20.6	26.4	30.3	9.0	1.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAR

STATION

STATION NAME

YEARS

MARCH

ALL WEATHER

NORTH

ALL

CLASS

MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.7	8.4	8.9	3.6	.6						26.4	11.2
NNE	1.2	4.1	4.7	5.3	1.1	.1						16.3	9.6
NE	.8	1.7	3.4	2.3	.2							8.4	8.6
ENE	1.3	3.1	1.9	.7								7.0	6.2
E	1.3	2.4	2.1	.5								6.3	6.1
ESE	.7	.3	.9	.2								2.3	6.0
SE	.3	.3	.3	.1								1.3	5.8
SSE	.4	.3	.3	.2								1.3	6.1
S	.7	.8	1.4	1.3	.2	.2	.1	.1				3.1	10.3
SSW	.2	1.0	1.4	1.8	.2	.2						4.7	10.0
SW	.1	.3	1.0	1.0	.2	.2	.1					3.3	10.9
WSW	.2	.4	1.1	1.3	.3	.2	.1					3.9	12.4
W	.2	.8	.2	.3	.2			.1				2.1	10.3
WNW	.3	.3	.1									.6	5.0
NW	.2	.7	.6									1.3	5.4
NNW	.6	1.7	1.3	2.1	.2							6.0	8.9
VARBL													
CALM												2.9	
	9.8	23.2	24.3	26.5	6.4	1.4	.2	.2				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

APR

MONTH

00

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.3	6.7	3.3	4.0							20.0	9.9
NNE	2.0	4.7	2.7	2.7	.7							12.7	8.0
NE	2.0	.7	1.3	2.7		.7						7.3	9.0
ENE	.7	3.3	.7	.7								5.3	5.6
E		1.3										1.3	5.0
ESE	.7											.7	1.0
SE													
SSE	1.3	.7										2.0	3.0
S	.7	2.0	5.3	2.0	2.0	.7	.7					13.3	11.8
SSW	.7	1.3	4.7	.7	1.3	1.3						10.0	11.2
SW			2.0	1.3								3.3	11.2
WSW		2.7		1.3								4.0	8.3
W	.7	1.3		.7								2.7	6.0
WNW	1.3	1.3										2.7	3.0
NW	.7	2.0										2.7	3.8
NNW	.7	2.7	1.3	1.3								6.0	7.4
VARBL													
CALM												6.0	
	14.0	27.3	24.7	16.7	8.0	2.7	.7					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

STATION NAME
YOKOSUKA, JAPAN

YEARS
73-77

MONTH
APR

ALL WEATHER
CLASS

HOURS (L.S.T.)
03

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.3	5.3	5.3	3.3	.7						18.7	10.7
NNE	.7	1.3	6.7	6.0	.7							15.3	10.3
NE	2.7	2.7	2.7	.7								6.7	5.7
ENE		1.3	1.3									2.7	8.0
E	.7		.7	.7								2.0	7.0
ESE													
SE													
SSE													
S	1.3	2.0	1.3	1.3	2.7							6.7	10.5
SSW	.7	3.3	2.0	1.3	1.3	.7						9.3	10.6
SW		4.0	3.3									7.3	6.4
WSW			.7	.7	.7							2.0	12.3
W		2.7	.7									3.3	5.2
WNW		1.3	.7									2.0	5.7
NW	.7	1.3										2.0	4.0
NNW	3.3	4.7	2.0	1.3								11.3	5.4
VARBL													
CALM												6.7	
	12.7	26.0	27.3	17.3	8.7	1.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

APR

STATION

STATION NAME

YEARS

MONTH

06

ALL WEATHER

06

CLASS

HOURE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	6.0	6.7	3.3	2.7							21.3	8.9
NNE	2.7	1.3	6.7	4.7	2.7	.7						18.7	10.8
NE	.7	2.7	4.0	2.0								9.3	7.9
ENE	.7	.7	1.3									2.7	6.3
E			.7	.7	.7							2.0	13.0
ESE	.7											.7	2.0
SE													
SSE	.7											.7	3.0
S	.7	.7	1.3		1.3	.7						4.7	12.3
SSW	.7	1.3	.7	2.0		1.3	.7					6.7	13.4
SW		2.0	1.3									3.3	7.4
WSW	.7	1.3	.7		.7							3.3	8.2
W						.7						.7	22.0
WNW	.7	2.0										2.7	3.3
NW	1.3	2.0										3.3	3.8
NNW	3.3	6.0	.7	2.0								12.0	5.3
VARBL													
CALM												8.0	
	15.3	26.0	24.0	14.7	8.0	3.3	.7					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

YOKOSUKA, JAPAN

73-77

APR

STATION NAME

YEARS

MONTH

ALL WEATHER

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	6.0	2.7	7.3	2.7							21.3	9.4
NNE	5.3	2.0	6.0	6.7	2.0							22.0	9.1
NE	3.3	2.0	4.7	1.3		.7						12.0	7.7
ENE	2.0	1.3	.7	.7								4.7	4.9
E	6.0	3.3	1.3									10.7	3.6
ESE													
SE	.7	1.3	.7	.7								3.3	6.6
SSE		.7	1.3			.7		.7				3.3	16.2
S	1.3	2.7	1.3	2.7	4.0	.7						12.7	12.2
SSW			.7	.7								1.3	12.0
SW		.7		1.3								2.0	11.3
WSW		.7										.7	4.0
W													
WNW													
NW			1.3	.7								2.0	10.7
NNW													
VARBL												4.0	
CALM													
	21.3	20.7	20.7	22.0	8.7	2.0		.7				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

APR

MONTH

12

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	1.3	4.0	1.3							10.7	10.4
NNE	1.3	5.3	4.7	6.0		1.3						18.7	9.7
NE	2.7	2.0		1.3								6.0	5.6
ENE	2.7	1.3	1.3			.7						6.0	6.6
E	4.7	4.7	3.3	.7								13.3	4.9
ESE	.7		.7									1.3	4.3
SE	1.3	.7										2.0	3.3
SSE	1.3			.7	.7							2.7	8.3
S	.7	.7	4.0	3.3	2.0	.7						11.3	12.4
SSW	1.3	2.7	1.3	3.3	4.0	2.0						14.7	13.3
SW	.7	.7	.7	1.3	.7		.7					3.3	17.4
WSW	.7	.7	1.3	.7		.7						4.0	10.2
W	.7											.7	1.0
WNW													
NW													
NNW	.7	.7		.7								2.0	7.0
VARBL													
CALM												3.3	
	20.7	20.7	16.7	22.0	8.7	5.3	.7					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43323

YOKOSUKA, JAPAN

73-77

APR

STATION

STATION NAME

YEARS

MONTH

43323

YOKOSUKA, JAPAN

73-77

APR

ALL WEATHER

CLASS

MONTH

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		.7	6.0	2.0							10.0	12.3
NNE		2.0	2.7	3.3	.7	.7						9.3	10.9
NE	.7	1.3	2.0	.7								4.7	7.7
ENE		.7	.7									1.3	6.3
E	4.0	3.3		2.0								9.3	5.8
ESE	.7	.7	.7	.7								2.0	9.7
SE	.7	.7	.7	.7								2.0	7.7
SSE	.7	.7	.7	.7								2.0	7.0
S	1.3	3.3	7.3	11.3	2.0	1.3						26.7	11.3
SSW		2.7	6.0	4.0	3.3	2.7						18.7	13.5
SW		.7	1.3	.7		2.7						5.3	15.9
WSW			.7			2.0						2.7	21.0
W													
WNW													
NW			.7									.7	10.0
NNW													
VARBL													
CALM												5.3	
	8.7	15.3	23.3	30.0	8.0	9.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323

YOKOSUKA, JAPAN

73-77

APR

STATION NAME

YEARS

MONTH

ALL WEATHER

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			3.3	3.3	1.3	.7						8.7	13.8
NNE	.7	.7	1.3	3.3		.7						6.7	11.8
NE		2.7	2.7									5.3	6.9
ENE	.7	.7	.7	.7								2.7	6.5
E		1.3	2.7	2.7								6.7	9.6
ESE			1.3									1.3	8.5
SE			.7									.7	8.0
SSE	.7	2.7	.7									4.0	4.7
S		2.7	15.3	9.3	.7	2.7		.7				31.3	11.6
SSW		2.0	3.3	4.7	1.3							11.3	11.0
SW	.7	1.3	.7	2.7	1.3							6.7	11.7
WSW		.7	.7	2.0		.7						4.0	13.3
W		2.0			1.3							3.3	10.4
WNW													
NW													
NNW			.7									.7	10.0
VARBL													
CALM												6.7	
	2.7	16.7	34.0	28.7	6.0	4.7		.7				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

150

0000

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

YEARS

APR

MONTH

STATION

ALL WEATHER

21

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	2.7	6.7	4.0							16.0	12.3
NNE	.7	.7	.7	1.3	.7							4.0	10.0
NE	.7	2.7	1.3	1.3								6.0	6.8
ENE	.7	2.7	.7	1.3								5.3	7.9
E	1.3	.7	2.0		.7							4.7	7.9
ESE	1.3	.7										2.0	3.7
SE				.7								.7	12.0
SSE	4.0	3.3	.7									8.0	4.3
S	1.3	2.7	3.3	4.0	.7	.7						12.7	9.6
SSW	.7	1.3	4.0	4.0	1.3	1.3		.7				13.3	13.3
SW		2.0	3.3	2.7	.7							8.7	9.1
WSW		1.3	2.7	.7		.7						5.3	10.6
W	.7		.7									1.3	5.0
WNW	1.3	.7										2.0	3.7
NW	.7											.7	2.0
NNW		.7	2.7		.7							4.0	9.8
VARBL													
CALM												5.3	
	14.7	20.7	24.7	22.7	8.7	2.7		.7				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323

YOKOSUKA, JAPAN

73-77

APR

STATION

STATION NAME

ALL WEATHER

YEARS

MONTH

ALL

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.5	3.7	4.9	2.7	.2						15.8	10.6
NNE	1.7	2.2	3.9	4.2	.9	.4						13.4	9.9
NE	1.6	2.1	2.3	1.2		.2						7.4	7.2
ENE	.9	1.3	.9	.4		.1						3.8	6.5
E	2.1	1.0	1.3	.8	.2							6.2	6.1
ESE	.4	.2	.3	.1								1.0	5.8
SE	.2	.1	.2	.2								.7	6.6
SSE	1.2	1.1	.2	.2	.1							2.8	5.3
S	.7	1.0	4.9	3.9	1.4	.9	.1	.2				14.0	11.5
SSW	.7	2.2	2.9	2.8	2.1	1.2	.1	.1				12.1	12.5
SW	.1	1.2	1.7	1.2	.3	.3	.1					4.9	10.8
WSW	.2	.9	.8	.8	.2	.5						3.4	11.5
W	.2	.6	.2	.1	.2	.1						1.6	7.3
WNW	.4	.7	.1									1.2	3.9
NW	.4	.7										1.1	3.7
NNW	1.0	1.6	1.2	.7	.1							4.8	6.7
VARBL													
CALM												5.7	
	13.7	21.7	24.7	21.7	6.1	3.9	.2	.2				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

1200

0000

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER

CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.3	3.9	2.6	1.3							16.1	7.8
NNE	1.3	.6	3.2	2.6	1.3							9.0	10.7
NE		2.6	2.6	1.3								6.3	8.7
ENE	1.9		3.9									5.8	6.0
E		3.2										3.2	5.6
ESE	1.3											1.3	1.5
SE	3.2		.6									3.9	2.8
SSE	.6	1.3										1.9	3.7
S	1.9	3.2	4.3	1.3	.6							11.6	7.9
SSW	2.6	5.2	8.4	5.2								21.3	7.8
SW	.6	.6	1.3	.6								3.2	7.8
WSW		1.3	.6									1.9	6.3
W	.6	1.9										2.6	4.0
WNW	1.3											1.3	1.5
NW	.6	1.9	.6									3.2	5.0
NNW	1.9	1.9	.6	.6								5.2	5.1
VARBL													
CALM												1.9	
	21.9	28.4	30.3	14.2	3.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

03

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	1.9	3.9	3.2								13.3	7.2
NNE	.6	3.9	4.5	4.5	1.9	.6						16.1	10.6
NE	.6	3.2	2.6	.6								7.1	6.1
ENE	1.9	.6	1.9	.6								5.2	6.1
E	.6			.6								1.3	6.5
ESE		.6										.6	4.0
SE	.6											.6	2.0
SSE	.6	.6										1.3	3.5
S	1.3	3.2	2.6	.6	.6							10.3	6.9
SSW	.6	3.2	6.5	1.9	.6							12.9	8.0
SW	.6	1.3	1.9	1.3								5.2	8.1
WSW	.6	1.3	.6									2.6	4.3
W	1.3	1.3										2.6	3.3
WNW	.6											.6	2.0
NW	1.9	2.6										4.5	4.4
NNW	2.6	2.6	.6									5.8	4.4
VARBL													
CALM												9.7	
	19.4	28.4	25.2	13.5	3.2	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	4.5	4.5	5.2	.6	.6						21.3	7.9
NNE	1.3	3.2	7.1	3.9	.6							16.1	9.1
NE		2.0	.6	1.9								5.2	8.3
ENE		1.3	.6									1.9	6.0
E	.6											.6	3.0
ESE	1.9											1.9	2.7
SE													
SSE	1.3	.6		.6								2.6	5.8
S	1.9	2.6	2.0	1.9								9.0	7.6
SSW	.6	3.9	3.9	.6								9.0	7.1
SW			.6									.6	7.0
WSW			.6	.6								1.3	11.5
W	.6	1.3										1.9	4.0
WNW	2.6	.6										3.2	3.0
NW	2.6	3.2	.6									6.5	4.2
NNW	3.2	1.9	1.3									6.5	4.8
VARBL													
CALM												12.3	
	22.6	25.0	22.6	14.8	1.3	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.9	1.3	3.2								10.3	7.6
NNE	7.1	5.6	5.2	4.5	1.3							23.9	7.1
NE	3.9	1.3	3.2	1.9								10.3	6.3
ENE	2.6	1.3		.6								4.5	4.3
E	7.1	.6	1.9									9.7	3.3
ESE	.6	.6										1.3	2.3
SE	.6	.6	.6									1.9	4.7
SSE	1.3		.6	.6	.6							3.2	8.4
S	1.3	3.2	2.6	3.9	.6							11.6	9.4
SSW	.6	.6	2.6	2.6	.6							9.7	10.3
SW		1.9	.6	.6								3.2	8.0
WSW		.6	.6	.6								1.9	10.0
W													
WNW	.6			.6								1.3	7.5
W			.6									.6	8.0
NNW		.6	.6									1.3	7.0
VARBL													
CALM												5.2	
	27.7	21.3	23.2	19.4	3.2							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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5702 SURFACE WINDS JAN 78

0000

0000

43323
STATION

YUKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAY

MONTH

12

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	1.9	1.9	.6	.6						8.4	9.8
NNE	1.3	3.2	4.5	2.6	.6							12.3	8.5
NE	1.9	1.9	1.9	.6								6.5	5.8
ENE	1.9	1.3	1.3	.6								5.2	5.3
E	5.8	6.5	2.6									14.3	4.5
ESE	1.9	2.6										4.5	3.7
SE	.6	.6		.6								1.9	6.7
SSE			1.3	.6	.6							2.6	12.0
S		5.2	6.5	9.0	2.6							23.2	11.1
SSW	.6	1.3	3.9	5.8	1.3							12.9	11.4
SW			1.9		.6	.6						3.2	13.0
WSW	.6			.6								1.3	6.5
W			.6									.6	9.0
WNW													
NW													
NNW													
VARBL													
CALM												2.6	
	16.1	24.5	26.5	22.6	6.5	1.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.6	.6	1.3							3.9	11.7
NNE	1.3	1.3	4.3	.6	.6							8.4	8.0
NE	.6	.6	1.9	.6	.6							3.2	9.4
ENE	1.3	.6	1.3	.6								3.2	5.8
E	1.3	.6	2.6	1.3								5.8	7.8
ESE	.6	1.9	1.3									3.9	5.5
SE	.6	.6	.6									1.3	6.5
SSE	1.3	1.9	1.3	1.3								5.8	7.3
S	1.3	1.3	9.7	16.8	3.2							31.0	12.5
SSW	1.3	1.3	9.0	7.7	.6							20.0	10.3
SW	.6	.6	1.9	1.3	1.9							5.8	12.8
WSW	.6	.6	1.3	.6								2.6	8.8
W	.6	.6										1.3	4.0
WNW													
NW												.6	6.0
NNW		.6											
VARBL													
CALM												3.2	
	8.4	12.9	36.1	31.6	7.7							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.9	.6	.6							3.9	10.2
NNE	1.3	1.3	1.3	.6	.6							4.5	9.1
NE	1.3		.6	2.6								4.5	9.7
ENE	.6	1.3	.6									2.6	5.3
E	.6	1.3	3.9	.6								6.5	7.8
ESE	.6	1.3	1.9	1.9								5.8	8.9
SE	.6		.6	.6								1.9	6.7
SSE		.6	3.2	.6								4.5	9.0
S	1.3	5.8	6.5	11.6	1.3							26.5	10.2
SSW	1.3	3.9	7.1	7.1	1.9							21.3	10.4
SW	.6		1.3	2.6	.6							5.2	11.5
WSW	.6	1.9	.6		.6							3.9	6.5
W	.6	1.3		.6								2.6	7.0
WNW		.6										.6	4.0
NW	.6											.6	1.0
NNW		1.3	1.3	.6								3.2	8.6
VARBL													
CALM												1.9	
	9.7	21.3	31.0	30.3	5.8							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	2.0	.6	.6							7.1	7.3
NNE		2.0	1.3	3.9	1.3							9.0	10.8
NE		1.9	3.2	1.3								6.3	8.4
ENE	.6	3.2	.6									4.3	5.0
E	1.3	.6	1.9	.6								4.3	6.6
ESE			1.9									1.9	7.3
SE		1.3										1.3	5.0
SSE	.6	3.2	.6	.6								5.2	6.3
S	3.9	5.0	10.3	2.6								22.6	7.3
SSW	.6	5.2	3.0	5.2	.6	.6						18.1	9.5
SW	.6		1.3	1.9								3.9	9.2
WSW	1.3	.6		.6								1.9	7.3
W	.6											1.3	2.0
WNW	.6		.6									1.3	5.0
NW			.6									.6	7.0
NNW	.6	.6	2.0	1.9								5.8	9.6
VARBL													
CALM												4.5	
	12.3	27.1	33.5	19.4	2.6	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

AD-A062 045

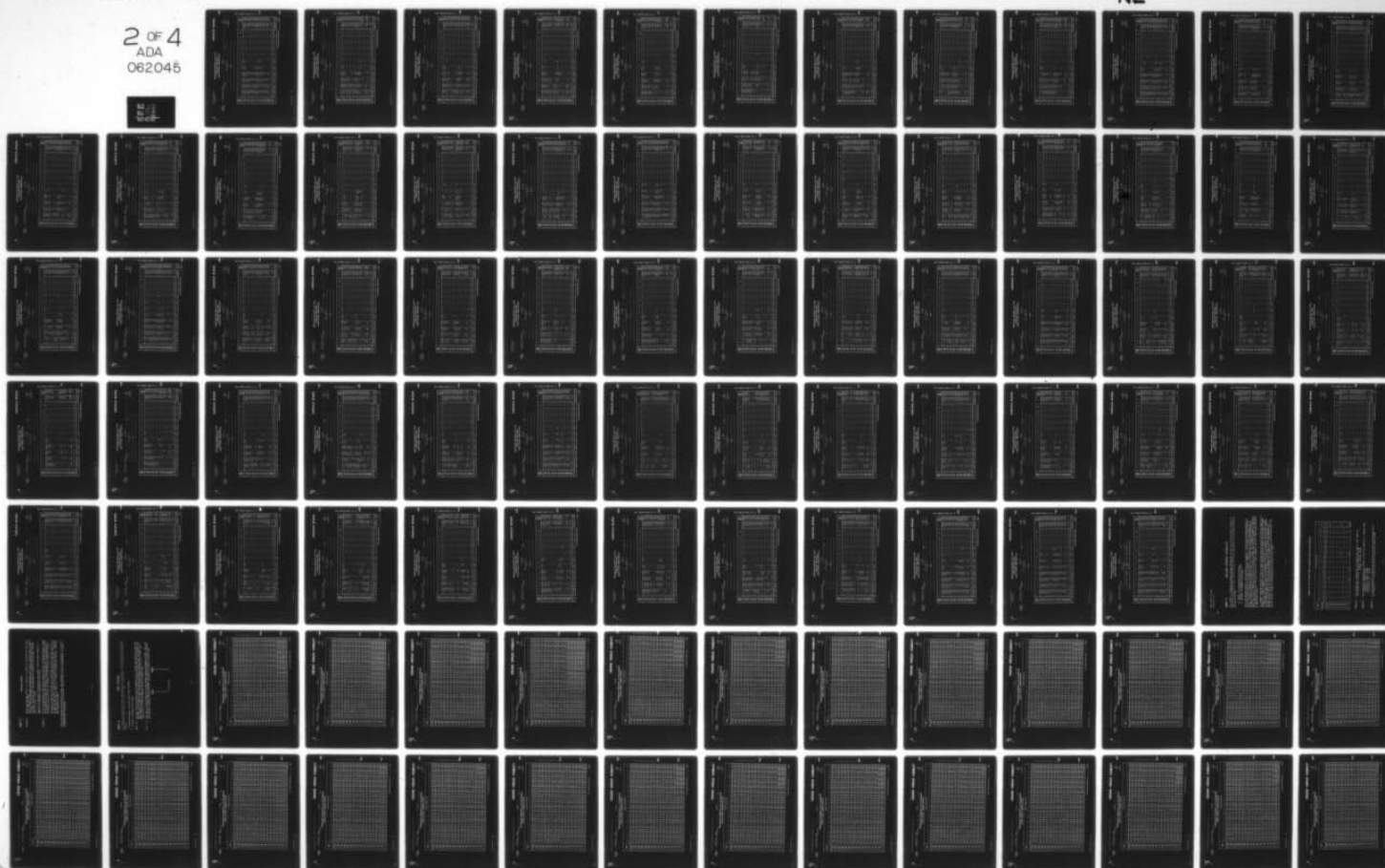
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). YOKOSUK--ETC(U)
JUL 78

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.5	2.0	2.3	.6	.2						10.6	6.2
NNE	1.7	2.7	4.0	2.9	1.0	.1						12.4	9.0
NE	1.0	1.0	2.1	1.4								6.2	7.5
ENE	1.4	1.1	1.3	.3								4.1	5.5
E	2.2	1.0	1.0	.4								5.8	5.4
ESE	.9	.9	.5	.2								2.7	5.5
SE	.7	.4	.3	.2								1.6	5.1
SSE	.7	1.0	.9	.6	.2							3.4	7.4
S	1.5	4.0	5.0	6.0	1.1							18.2	9.8
SSW	1.0	3.1	6.2	4.3	.7	.1						15.6	9.4
SW	.3	.6	1.4	1.0	.4	.1						3.6	10.2
WSW	.3	.6	.6	.4	.1							2.2	7.3
W	.6	.0	.1	.1								1.6	4.5
WNW	.7	.2	.1	.1								1.0	3.8
NW	.7	1.0	.3									2.0	4.6
NNW	1.0	1.2	.9	.4								3.5	6.3
VARBL													
CALM												5.2	
	17.3	23.7	28.5	20.7	4.2	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

1240

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.3	4.7	3.3	.7							12.7	9.5
NNE	2.0	6.0	3.3	4.7	.7							15.7	8.4
NE		2.7	2.0	.7								5.3	7.3
ENE	1.3	3.3	2.0									6.7	5.5
E	.7	.7	1.3									2.7	5.3
ESE	1.3	1.3										2.7	3.0
SE		.7	.7	.7								2.0	8.3
SSE	2.0	2.7										4.7	3.4
S	.7	6.0	3.3	.7								10.7	6.2
SSW	1.3	2.0	4.7	2.7								10.7	7.9
SW	1.3	2.0	.7	2.0								6.0	7.4
WSW		.7		.7	.7	.7						2.7	14.8
W			.7									.7	10.0
WNW													
NW	1.3	1.3										2.7	3.0
NNW	2.7		2.0	.7								5.3	5.5
VARBL													
CALM												8.0	
	15.3	32.7	25.3	16.0	2.0	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.0	6.0	2.7	2.0							16.0	9.0
NNE	.7	5.3	5.3	6.0	1.3							18.7	9.4
NE	1.3	2.7	3.3			.7						8.0	7.2
ENE		2.7	1.3	1.3								5.3	7.9
E		2.0	.7				.7					3.3	11.2
ESE	.7	.7										1.3	3.0
SE	.7											.7	3.0
SSE	1.3	.7										2.0	3.3
S	2.0	3.3	1.3	.7								7.3	5.8
SSW	2.0	1.3	3.3	1.3	1.3							9.3	8.8
SW		2.7	1.3	1.3								5.3	7.3
WSW	1.3	.7		.7								3.3	8.6
W		2.0				.7						2.7	9.3
WNW	.7	2.0										2.7	3.8
NW	.7	.7	1.3									2.7	6.3
NNW	1.3	1.3	1.3	.7	.7							5.3	8.0
VARBL													
CALM												6.0	
	14.0	32.0	25.3	14.7	6.0	1.3	.7					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

73-77

JUN
MONTH

06
HOURS (L.S.T.)

STATION NAME

YEARS

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.0	8.0	3.3	2.0							19.3	9.0
NNE	.7	6.7	6.0	4.0	.7	.7						18.7	8.9
NE	.7	2.0	4.7	1.3								8.7	8.2
ENE	2.0	2.7	.7									5.3	4.1
E	2.0		1.3									3.3	4.2
ESE	.7		.7									1.3	4.0
SE													
SSE	1.3	1.3										2.7	3.8
S	.7	3.3	1.3	.7		.7						6.7	8.5
SSW	1.3		1.3	1.3	1.3	.7						6.0	12.1
SW		.7		1.3								2.0	10.3
WSW				.7								.7	12.0
W	2.0											2.0	2.7
WNW													
NW	1.3	1.3										2.7	3.5
NNW	2.7	3.3	2.7	.7								9.3	6.0
VARBL													
CALM												11.3	
	17.3	25.3	26.7	13.3	4.0	2.0						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43323

STATION NAME
YOKOSUKA, JAPAN

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MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.3	3.3	3.3	1.3							13.3	9.1
NNE	8.0	4.0	10.7	4.7	.7	.7						28.7	7.6
NE	5.3	2.7	6.0	.7								14.7	5.7
ENE	.7	.7	1.3									2.7	5.3
E	8.0	3.3										11.3	3.0
ESE	1.3											1.3	2.0
SE		2.0										2.0	5.0
SSE			1.3									1.3	8.5
S	.7	2.0	4.0	1.3	.7							8.7	8.5
SSW		2.0	1.3	.7	1.3	.7						6.0	13.0
SW	.7		1.3	.7	.7							3.3	10.0
WSW			.7									.7	8.0
W													
WNW													
NW	.7		.7									1.3	4.5
NNW	.7	.7	2.0									3.3	6.4
VARBL												1.3	
CALM													
	28.0	20.7	32.7	11.3	4.7	.7	.7					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

150

12

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION YOKOSUKA, JAPAN

73-77

JUN

STATION NAME

YEARS

MONTH

ALL WEATHER

12

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.7	2.0	.7	1.3							10.0	7.5
NNE	4.0	4.7	6.0	8.0	2.0							24.7	9.5
NE	3.3	3.3	2.0	1.3								10.0	5.5
ENE	1.3	2.0	1.3	.7								5.3	6.0
E	7.3	2.0										9.3	2.9
ESE	2.0	2.0	2.0	.7								6.7	5.8
SE			.7	.7								1.3	9.5
SSE	.7		4.0	.7								5.3	9.0
S		1.3	6.7	2.0								10.0	9.3
SSW		2.0	2.0	4.0	2.0		.7					10.7	12.6
SW			2.0									2.0	7.7
WSW													
W			.7		.7							1.3	14.0
WNW													
NW													
NNW		.7		.7								1.3	8.0
VARBL													
CALM												2.0	
	22.0	20.7	29.3	19.3	6.0		.7					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43323

YOKOSUKA, JAPAN

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STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

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CLASS

MOUSE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.3	.7	2.7	.7							5.4	11.3
NNE	2.7	4.0	5.4	4.7	.7							17.4	8.3
NE	2.0	1.3	1.3	1.3								6.0	7.0
ENE	1.3	2.7		1.3								5.4	6.1
E	4.0	1.3	1.3	1.3								6.1	5.2
ESE	.7	.7	.7	.7								2.7	7.0
SE	.7	2.7	.7	.7								4.7	6.1
SSE	.7	.7	4.0	.7								6.0	8.3
S		4.0	10.7	7.4	.7	.7						23.5	9.9
SSW		.7	5.4	3.4	2.0	.7						10.1	13.1
SW		.7		.7	1.3							2.7	15.0
WSW		2.0										2.0	4.3
W	.7	.7	.7									2.0	4.3
WNW													
NW	.7											.7	3.0
NNW	.7	.7		.7								2.0	6.3
VARBL													
CALM												1.3	
	14.1	23.5	28.9	25.5	5.4	1.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

149

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION

STATION NAME

73-77

YEARS

JUN

MONTH

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HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7		1.3	.7	.7							3.3	10.6
NNE	.7	1.3	3.3	5.3	1.3							12.0	11.3
NE		2.0	1.3	1.3								4.7	8.9
ENE			.7	.7								1.3	10.0
E		3.3	2.0	2.7								8.0	8.2
ESE	1.3	2.0	2.0	.7								6.0	7.0
SE	.7	.7	1.3									2.7	6.3
SSE	.7	1.3	2.7	.7								3.3	7.4
S	2.7	2.0	10.0	6.0	1.3							22.0	9.4
SSW	.7	4.7	6.0	6.7								18.0	8.9
SW	1.3	1.3	2.0	.7	.7							6.0	8.1
WSW	.7		2.0			.7						3.3	9.8
W		.7										.7	6.0
WNW													
NW													
NNW	.7	.7	1.3	1.3								4.0	8.3
VARBL													
CALM												2.7	
	10.0	20.0	36.0	26.7	4.0	.7						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUN

MONTH

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HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	.7		.7							4.0	7.3
NNE	1.3	1.3	6.7	2.0	1.3	.7						13.3	10.1
NE	.7	2.0	1.3	1.3								5.3	7.3
ENE	1.3	3.3	2.0	.7								7.3	6.1
E	2.0	8.0	.7	.7								11.3	5.2
ESE	.7	1.3	.7	.7								3.3	6.0
SE	1.3	.7	.7									2.7	4.8
SSE	1.3	3.3	.7									5.3	4.4
S	2.7	4.7	3.3	3.3	.7							14.7	7.5
SSW	.7	1.3	6.0	5.3		.7						14.0	10.3
SW	.7	.7	2.7	.7								4.7	7.7
WSW				.7								.7	15.0
W		2.7		.7								3.3	6.2
WNW													
NW			1.3									1.3	7.5
NNW				1.3								1.3	14.5
VARBL													
CALM												7.3	
	12.7	32.0	26.7	17.3	2.7	1.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	3.3	2.1	1.2							10.3	9.0
NNE	2.3	4.2	5.8	4.9	1.1	.3						18.8	9.0
NE	1.7	2.3	2.8	1.0		.1						7.8	6.8
ENE	1.0	2.2	1.2	.6								4.9	5.0
E	3.0	2.6	.9	.6			.1					7.2	5.1
ESE	1.1	1.0	.8	.3								3.2	5.5
SE	.4	.8	.5	.3								2.0	6.2
SSE	1.0	1.3	1.6	.3								4.1	6.3
S	1.2	3.3	5.1	2.8	.4	.2						12.9	8.5
SSW	.8	1.8	3.2	3.2	1.0	.3	.2					10.6	10.5
SW	.5	1.0	1.3	.9	.3							4.0	8.7
WSW	.3	.4	.3	.3	.2	.2						1.7	10.0
W	.3	.8	.3	.1	.1	.1						1.6	7.1
WNW	.1	.3										.3	3.8
NW	.6	.4	.4									1.4	4.6
NNW	1.1	.9	1.2	.8	.1							4.0	7.1
VARBL												5.0	
CALM												100.0	7.6
	16.7	25.9	28.9	18.0	4.3	1.0	.3						

TOTAL NUMBER OF OBSERVATIONS

1199

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YOKOSUKA, JAPAN

YEARS
73-77

MONTH
JUL

CLASS

ALL WEATHER

HOURS (L.S.T.)
00

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.9	2.6	.6	.6							8.4	6.9
NNE	2.6	3.2	3.2	.6	.6	1.3						11.6	8.4
NE	3.2	3.9	1.3									8.4	4.5
ENE	1.3	1.9	.6	.6								4.5	5.7
E	.6	1.3	.6									2.6	5.0
ESE		.6										.6	4.0
SE	.6											.6	2.0
SSE		1.3	1.3									2.6	5.5
S	1.3	7.7	7.7	1.3	.6							18.7	7.2
SSW	1.3	7.1	6.5	6.5	.6							21.9	8.5
SW	1.9	5.2	1.9	1.3								10.3	6.3
WSW	.6			.6	.6							1.9	12.7
W	1.3			.6								1.9	7.3
WNW													
NW												.6	4.0
NNW		.6											
VARBL													
CALM												5.2	
	17.4	34.8	25.8	12.3	3.2	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

0000

TOTAL NUMBER OF OBSERVATIONS

155

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	2.0	.6	.6							7.7	7.3
NNE	2.6	1.9	4.5	2.6	1.9							13.5	9.3
NE	1.9	2.6	1.9	1.9								8.4	6.4
ENE		1.9		.6								2.6	6.3
E	.6	.6										1.3	2.5
ESE	1.3											1.3	2.0
SE													
SSE	1.3											1.3	2.0
S	2.6	5.8	4.5	1.3	.6							14.8	7.0
SSW	2.6	6.5	6.5	5.2								20.6	8.0
SW	1.9	3.9	2.6	.6								9.0	5.3
WSW	.6	1.3		.6	.6							3.2	8.6
W	.6	1.3										1.9	4.0
WNW	.6											.6	2.0
NW	.6		.6									1.3	4.5
NNW	1.9											1.9	2.0
VARBL													
CALM												10.3	
	20.0	29.0	23.2	13.5	3.9							100.0	6.3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

06

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.3	0.0	1.3								1.7	6.2
NNE	1.9	5.6	4.3	1.9	0.6							14.8	7.1
NE	1.3	2.6	1.3		0.6							5.8	6.3
ENE	1.3	4.3	1.9	0.6								8.4	5.7
E		0.6										0.6	4.0
ESE	0.6											0.6	3.0
SE	0.6	0.6										1.3	3.0
SSE	0.6	0.6	0.6									1.9	4.3
S	2.6	4.3	4.3	1.3								12.9	6.1
SSW		3.9	3.2	5.8		0.6						13.5	10.3
SW		1.9	1.3									3.2	6.6
WSW	2.6	0.6	0.6	0.6	0.6							5.2	6.3
W		1.3										1.3	4.3
WNW			0.6									0.6	8.0
NW	0.6											0.6	3.0
NNW	3.2		1.3									4.3	4.3
VARBL												0.6	8.0
CALM												4.3	4.3
	16.8	31.6	20.6	11.6	1.9	0.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.5		1.9								7.7	6.8
NNE	3.2	9.7	5.2	2.6	1.3	.6						22.6	7.5
NE	1.3	1.3	1.9									4.3	5.9
ENE	5.2	1.3	.6									7.1	3.2
E	3.9	2.0		.6								7.1	3.6
ESE	3.9	.6										4.3	3.0
SE	.6											.6	1.0
SSE	.6		.6									1.3	6.3
S	1.3	1.9	7.7	5.8								16.8	9.3
SSW	.6	.6	7.1	4.3	.6							13.3	10.2
SW				1.3	1.3							2.5	15.8
WSW		1.9	.6	.6	.6							3.9	9.3
W	.6											.6	1.0
WNW	1.3											1.3	2.0
NW													
NNW			.6									.6	7.0
VARBL													
CALM												5.2	
	23.9	24.5	24.5	17.4	3.9	.6						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.9	1.3	.6								3.9	8.2
NNE	1.9	4.3	3.9	2.6	.6	.6						14.2	8.1
NE	.6	2.6	.6	.6								4.3	6.6
ENE	1.3	3.2		.6								5.2	5.4
E	3.2	3.8										11.0	3.6
ESE	.6	3.9										4.3	4.6
SE		.6										.6	5.0
SSE		3.2	1.9	.6								5.8	7.8
S		1.3	9.0	5.8	1.3							17.4	10.9
SSW	1.3	2.6	6.3	7.1	1.3							18.7	10.2
SW	1.3	1.3	.6	1.3	1.3							4.3	12.1
WSW	.6	.6	.6	1.3		.6						3.9	12.0
W	.6											.6	3.0
WNW													
NW													
NNW			.6									.6	8.0
VARBL													
CALM												4.3	
	12.3	31.6	25.2	20.6	4.5	1.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

8800

43323

YOKOSUKA, JAPAN

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3									2.6	6.3
NNE	.6	3.9	3.9	3.2								11.6	8.5
NE	.6	1.9	2.6			.6						5.8	8.8
ENE		.6										.6	4.0
E	2.6	.6										3.2	2.4
ESE	.6											.6	3.0
SE													
SSE	1.9	1.3	2.6									5.8	5.4
S	.6	3.2	7.7	11.6	4.5							27.7	11.8
SSW		1.9	9.0	5.7	4.5							25.2	12.1
SW	1.3	2.6	1.9	.6	.6							6.5	6.8
WSW		1.9	1.3	.6	.6							4.5	8.7
W													
WNW													
NW		.6										.6	6.0
NNW	.6											.6	2.0
VARBL													
CALM												4.5	
	9.0	20.0	30.3	25.2	10.3	.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

155

0000

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL

MONTH

18

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0		.0								1.3	8.3
NNE	.0			3.2		.6						4.5	14.6
NE	1.9	2.0	1.3		.6							6.5	6.0
ENE	.0	1.9	1.9									4.5	5.7
E	1.3	.0	1.3	.6								3.9	6.5
ESE	1.3		.6		.6							2.6	7.3
SE			.6									.6	9.0
SSE													
S	.0	4.5	11.6	12.9	1.9	.6						32.3	11.0
SSW	1.3	6.4	4.5	12.3	1.9							28.4	10.5
SW	.6	.6	2.6	1.3								4.5	9.9
WSW	.6		1.3		.6							2.6	10.8
W	.6	1.3										1.9	3.3
WNW													
NW	.6	.6										1.3	3.0
NNW	.6											.6	3.0
VARBL													
CALM												4.5	
	10.3	21.3	25.8	31.0	5.8	1.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL

MONTH

21

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	.6	1.3		.6						3.9	11.2
NNE	2.6	1.3	1.3	1.3	.6							7.1	7.5
NE		3.2	.6	.6								4.3	6.3
ENE			.6									.6	8.0
E	1.9	1.9	2.0	1.3								7.7	6.9
ESE		.6	.6									1.3	6.0
SE		.6										.6	4.0
SSE	1.9	1.9	.6									4.3	4.1
S	.6	7.1	7.1	8.4								23.2	8.4
SSW	1.3	4.3	13.3	8.4	1.3							29.0	9.6
SW			3.2	.6								3.9	9.7
WSW			.6	.6	.6							1.9	14.3
W	.6	.6		.6								1.9	6.7
WNW		.6										.6	4.0
NW													
NNW		.6	.6									1.3	6.5
VARBL													
CALM												7.7	
	9.0	24.5	32.3	23.2	2.6	.6						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION YOKOSUKA, JAPAN

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	1.1	.9	.2	.1						5.4	7.3
NNE	2.0	3.8	3.3	2.3	.7	.4						12.5	8.3
NE	1.4	2.0	1.5	.4	.2	.1						6.0	6.3
ENE	1.2	1.9	.7	.3								4.2	5.2
E	2.0	1.8	.6	.3								4.7	4.6
ESE	1.0	.7	.2		.1							2.0	4.3
SE	.2	.2	.1									.6	3.9
SSE	.8	1.0	1.0	.1								2.9	5.6
S	1.2	4.5	7.5	6.0	1.1	.1						20.3	9.4
SSW	1.0	4.4	7.1	7.4	1.3	.1						21.4	9.9
SW	.6	1.9	1.8	.8	.4							5.6	8.1
WSW	.6	.6	.6	.6	.6	.1						3.4	9.7
W	.6	.6	.6	.2								1.3	4.8
WNW	.2	.1	.1									.4	3.6
NW	.2	.2	.1									.5	4.0
NNW	.6	.2	.4									1.4	4.3
VARBL													
CALM												7.3	
	14.8	27.2	26.0	19.4	4.5	.8						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION

STATION NAME

73-77

YEARS

ALL WEATHER

CLASS

AUG

MONTH

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9	2.6		.6						5.8	11.9
NNE		1.9	3.9	4.5	.6							11.0	10.8
NE	.6	3.2			.6							4.5	6.0
ENE	1.9	1.3	.6	.6								4.5	5.3
E			.6									.6	10.0
ESE													
SE		.6										.6	5.0
SSE	2.6	2.6										5.2	3.1
S	2.6	5.2	5.2	2.6	.6	.6						16.8	8.2
SSW	1.9	5.2	7.1	6.5	1.9							22.6	9.4
SW	1.9	1.9	5.8	1.9	.6							12.3	7.8
WSW	.6	1.9										2.6	3.3
W	.6	.6										1.3	4.0
WNW													
NW													
NNW	1.3	2.6	.6	.6								5.2	6.5
VARBL													
CALM												7.1	
	14.2	27.7	25.3	19.4	4.5	1.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

AUG

MONTH

03

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		1.3	1.9	1.3		.6					6.3	13.1
NNE	1.9	2.0	2.0	7.1	1.9							16.1	10.4
NE	1.3	2.0	2.0									6.3	5.9
ENE		3.2	.6									3.9	5.2
E	.6											.6	2.0
ESE		.6										.6	4.0
SE	.6	.6										1.3	3.5
SSE	1.3	2.0										3.9	3.6
S	1.3	6.3	3.2	1.3	1.3	.6						14.2	8.1
SSW	.6	7.7	9.0	2.6	1.3							21.3	8.3
SW	1.3	.6	3.9		1.3							7.1	9.1
WSW		.6	.6	1.9								3.2	10.8
W	.6	.6										1.3	3.5
WNW	.6											.6	2.0
NW	1.3	.6										1.9	3.3
NNW		.6	.6	.6								1.9	7.7
VARBL													
CALM												9.0	
	12.9	29.7	24.5	15.5	7.1	.6	.6					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

06

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.9	3.2	3.9	1.3	.6						13.3	9.7
NNE		2.0	1.9	2.6	1.9							9.0	10.9
NE		3.2	1.3	.6								3.2	7.0
ENE	.6		2.0									3.2	6.8
E	.6	1.9										2.6	4.5
ESE	.6		.6									1.3	6.0
SE													
SSE	1.3	1.3	.6	.6								3.9	5.8
S	1.3	3.2	3.2	1.3		1.9						11.0	9.5
SSW	.6	3.2	4.5	4.5	.6							13.3	9.5
SW	1.3	.6	1.9	1.9								5.8	8.2
WSW	3.2		1.9	.6								5.8	6.1
W	1.3											1.3	1.0
WNW	.6											.6	3.0
NW	2.6	2.6	.6		.6							6.3	5.1
NNW	2.6	.6	1.3	1.3								5.8	6.7
VARBL													
CALM												11.0	
	19.4	21.3	23.9	16.8	5.2	2.6						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

09

HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.0	1.9	1.3	.0	.6						6.5	10.6
NNE	3.9	5.9	3.9	6.5	.6	.6						21.3	8.8
NE	1.3	5.2	3.2									9.7	5.4
ENE	2.5	1.9										4.5	3.3
E	6.5	3.2		.6								10.3	3.8
ESE	1.3	2.0										3.9	3.7
SE	.6	1.3										1.3	4.5
SSE		.6	.6	.6	.6							2.6	11.3
S		1.3	6.5	3.9		1.3						12.9	10.8
SSW		2.6	4.5	3.9	1.3							12.3	10.3
SW	.6	1.9	.6	.6	.6							4.5	8.6
WSW	1.3	.6	1.9									1.9	8.3
W				.6								2.6	5.0
WNW													
NW													
NNW	.6	.6	.6	.6								2.6	8.5
VARBL													
CALM												3.2	
	20.0	27.7	23.9	18.7	3.9	2.6						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

AUG

STATION NAME

YEARS

MONTH

WEATHER

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	3.9	1.3		1.3						9.0	10.7
NNE		2.7	4.3	4.3	.6							19.4	8.0
NE	1.9	1.3	1.9									5.2	4.9
ENE	2.6	1.9										4.3	3.4
E	2.6	3.2										7.7	3.6
ESE	.6		1.9									2.6	6.3
SE		1.9										1.9	5.3
SSE	1.3	.6	1.9	1.9								5.8	7.7
S		3.9	4.3	8.4	1.3	.6	1.3					20.0	12.1
SSW		1.3	7.7	9.0	.6							18.7	11.3
SW	.6		1.3	.6	.6							3.2	10.8
WSW			1.3									1.3	9.3
W		.6										.6	6.0
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	10.3	28.4	29.0	25.8	3.2	1.9	1.3					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

AUG

MONTH

15

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		.6	1.3	.6	1.3						4.3	13.6
NNE	.6	4.3	1.3	5.2								11.6	9.1
NE	1.3	.6	1.3	1.3								4.3	7.0
ENE	.6	.6	1.3									2.6	6.3
E		2.6	3.2									5.8	7.2
ESE		1.3										1.9	5.7
SE				.6								.6	11.0
SSE	.6	1.3	1.3	1.3								5.8	7.6
S		1.3	7.7	9.7	1.3	1.3	.6					23.9	13.0
SSW	.6	3.9	8.4	9.0	3.9							25.8	11.0
SW		1.3	2.6	3.2								7.1	9.3
WSW	.6	1.3		.6								2.6	6.0
W		.6										.6	6.0
WNW													
NW													
NNW			.6									.6	10.0
VARBL													
CALM												1.9	
	5.2	21.3	29.0	32.3	6.5	3.2	.6					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

18

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6		.6	.6							1.9	11.3
NNE			.6	5.2	.6							7.1	14.5
NE		1.3	1.9				.6					3.2	7.2
ENE		1.3	.6	.6								2.6	7.3
E		1.3	2.6	2.6								6.3	9.3
ESE	.6	1.3	1.9	.6								5.2	7.1
SE													
SSE		1.3	1.3									2.6	7.0
S		4.5	12.3	11.6		.6						29.0	10.1
SSW		5.2	7.7	6.3	3.2							22.6	10.8
SW	.6	3.3	2.6	1.9								9.0	8.0
WSW	2.6	1.3	.6	1.3								5.8	6.0
W		.6										.6	6.0
WNW	.6											.6	2.0
NW													
NNW			.6	.6								1.3	11.0
VARBL													
CALM												1.9	
	4.5	23.2	32.9	31.6	4.3	.6	.6					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 43323 YOKOSUKA, JAPAN

73-77

AUG

STATION NAME

YEARS

MONTH

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6	1.9		.6						3.9	13.7
NNE	.6	.6		3.9								3.2	10.9
NE	.6	.6	1.3	1.3								3.9	8.5
ENE		.6	3.2	.6								4.5	8.4
E		2.6	3.2	1.9								7.7	8.1
ESE		1.9										1.9	4.7
SE	1.3	.6	.6									2.6	3.8
SSE	1.3	1.3	.6									3.2	4.4
S		10.3	12.9	4.5				.6				28.4	8.3
SSW	2.6	3.2	5.2	3.9	1.9							16.8	9.2
SW	.6	2.6	3.2	3.9	.6	.6						11.6	10.3
WSW	1.9	.6										2.6	2.8
W	.6	.6										1.3	3.0
WNW	.6	.6	.6									1.9	4.7
NW		.6										.6	6.0
NNW			.6									.6	10.0
VARBL													
CALM												3.2	
	10.3	27.7	32.3	21.9	2.6	1.3		.6				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.8	1.7	1.9	.6	.6	.1					6.5	11.5
NNE	.9	3.5	2.3	4.9	.6	.1	.1					12.6	9.8
NE	.9	2.3	1.7	.4	.1							5.3	6.3
ENE	1.0	1.4	1.1	.2								3.8	5.6
E	1.3	2.1	1.2	.6								5.2	6.0
ESE	.4	1.1	.6	.1								2.2	5.6
SE	.2	.6	.1	.1								1.0	4.8
SSE	1.1	1.5	.9	.6	.1							4.1	6.2
S	.6	4.6	6.9	5.4	.6	1.0	.2	.1				19.5	10.1
SSW	.8	4.0	6.8	5.7	1.9							19.2	10.0
SW	.9	1.6	2.7	1.8	.5	.1						7.6	8.9
WSW	1.1	.7	.6	.5	.1							3.2	6.4
W	.6	.6		.1								1.2	4.1
WNW	.3	.1	.1									.5	3.5
NW	.5	.5	.1	.1								1.1	4.8
NNW	.6	.6	.6	.5								2.3	7.5
VARBL													
CALM												4.7	
	12.1	25.9	27.7	22.7	4.7	1.8	.4	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.7	4.7	6.7	2.7	.7						17.3	11.1
NNE	1.3	2.7	4.0	2.7								10.7	8.2
NE	.7	2.0	4.0	1.3								8.0	7.6
ENE	.7	1.3	.7									2.7	5.5
E	.7											.7	2.0
ESE		2.0	1.3									3.3	6.6
SE		.7										.7	4.0
SSE	.7											.7	2.0
S	1.3	4.7	4.7	2.7								13.3	7.4
SSW	1.3	2.7	4.0	4.0								12.0	8.8
SW	.7	1.3		2.0								4.0	8.7
WSW		1.3	1.3		.7							3.3	9.2
W			.7									.7	7.0
WNW	2.0											2.0	2.0
NW	3.3	2.0	.7									6.0	3.8
NNW	2.0	.7	2.7	1.3								6.7	7.2
VARBL													
CALM												8.0	
	16.7	22.0	28.7	20.7	3.3	.7						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323

YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

03

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.7	8.0	7.3	2.0	.7						22.7	10.4
NNE	2.0	5.3	4.0	3.3								14.7	7.6
NE		2.0	1.3	.7								4.0	7.0
ENE	.7		2.0	.7								3.3	8.2
E	1.3		.7									2.0	4.3
ESE	.7											.7	2.0
SE	.7	.7										1.3	3.0
SSE	1.3	.7										2.0	2.3
S	.7	2.0	4.7	.7	1.3							9.3	8.6
SSW		.7	6.0	2.0								8.7	8.6
SW		2.7	2.0	.7								5.3	7.4
WSW	.7		.7									1.3	5.5
W													
WNW	.7											.7	2.0
NW	.7	3.3	.7									4.7	5.3
NNW	2.0	6.0	3.3	1.3		.7						13.3	7.0
VARBL													
CALM												6.0	
	13.3	26.0	33.3	16.7	3.3	1.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

150

0000

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

06

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	4.7	6.0	8.0	2.7	.7						26.0	9.8
NNE	1.3	.7	8.7	2.0	.7							13.3	9.0
NE	.7	.7	2.7	.7								4.0	9.3
ENE	1.3	.7	1.3	.7								4.0	6.5
E	.7			.7								1.3	7.0
ESE		.7										.7	4.0
SE													
SSE		.7	.7	.7								2.0	8.3
S	1.3	2.7	3.3	1.3	.7							9.3	8.4
SSW	1.3	2.0	2.0	2.0								7.3	7.6
SW	.7	.7	1.3	.7								3.3	8.0
WSW			.7									.7	10.0
W	.7											.7	3.0
WNW	1.3											1.3	2.0
NW	.7	2.0	.7									3.3	5.2
NNW	2.7	4.7	7.3	2.0	.7							17.3	7.3
VARBL													
CALM												5.3	
	16.0	20.0	34.7	18.7	4.7	.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.3	5.3	10.0	2.7	.7						26.0	10.6
NNE	4.7	5.3	12.0	5.3	.7							28.0	8.0
NE	2.0	2.0	2.7	.7								7.3	5.9
ENE	1.3	.7										2.0	2.7
E	4.0	2.7	1.3	.7								8.7	4.7
ESE	1.3	1.3										2.7	2.8
SE													
SSE			.7	2.0								2.7	12.8
S	.7	.7	2.0	2.7	.7	.7						7.3	11.6
SSW			4.7	4.0								6.7	10.3
SW					.7							.7	17.0
WSW			1.3									1.3	9.0
W				.7								.7	12.0
WNW													
NW			.7									.7	8.0
NNW		.7	.7									1.3	7.5
VARBL													
CALM												2.0	
	16.0	18.7	31.3	26.0	4.7	1.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43323

YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

12

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	3.3	4.0	1.3	.7						12.0	10.8
NNE	3.3	5.3	9.3	5.3	1.3							24.7	5.5
NE	.7	2.0	5.3	.7								8.7	7.9
ENE	2.0	2.7	.7	.7								6.0	5.2
E	4.7	1.3	1.3									7.3	3.7
ESE	1.3	.7										2.0	3.3
SE	.7											.7	2.0
SSE	2.7											2.7	1.8
S	.7		4.0	3.3	4.0	1.3						13.3	13.7
SSW	.7	.7	4.0	4.7	1.3							11.3	11.4
SW			2.0	1.3								3.3	10.2
WSW		.7										.7	6.0
W		.7										.7	5.0
WNW													
NW	.7											.7	2.0
NNW	.7	.7	2.0	.7								4.0	5.0
VARBL													
CALM												2.0	
	19.3	16.0	32.0	20.7	8.0	2.0						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			3.3	1.3	1.3							6.0	11.6
NNE		3.3	7.3	6.0	1.3							18.0	10.4
NE	.7	2.7	2.7	1.3								7.3	7.5
ENE	2.7	1.3	4.0	.7								6.7	5.3
E	3.3	2.7	1.3	1.3								8.7	5.5
ESE	.7	.7	.7	.7								2.7	6.8
SE		.7	1.3	.7								.7	12.0
SSE	.7	.7	7.3	9.3	.7	.7						2.7	6.3
S		.7	1.3	8.7	2.7	.7						18.7	12.1
SSW		.7	2.7	1.3		.7						14.0	14.4
SW	.7	2.0	2.7	1.3								6.7	8.0
WSW	.7	.7										.7	6.0
W												.7	1.0
WNW													
NW													
NNW		1.3	.7	1.3		.7						4.0	10.8
VARBL													
CALM												2.7	
	9.3	16.7	30.7	32.7	6.0	2.0						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

18

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.3	2.0	3.3								7.3	9.6
NNE			1.3	.7	2.7							4.7	14.9
NE			2.7	.7								3.3	8.8
ENE		.7	4.7	4.0								7.3	10.0
E		.7	6.0	3.3								10.0	9.4
ESE		1.3	3.3	.7								5.3	7.4
SE													
SSE	.7		.7									1.3	6.0
S	.7	2.0	4.0	7.3								14.0	10.2
SSW	.7	7.3	7.3	5.3	2.0							22.7	9.7
SW	.7	3.3	.7	.7								7.3	5.3
WSW	3.3		.7	1.3								5.3	6.4
W		2.0										2.0	5.7
WNW	.7		.7									1.3	5.5
NW	.7		.7	.7								2.0	6.3
NNW		2.0	.7	.7		.7						4.0	9.8
VARBL													
CALM												2.0	
	8.0	22.7	35.3	26.7	4.7	.7						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	2.7	.7	2.7							8.0	11.4
NNE	.7	.7	8.0		.7	.7						10.7	9.9
NE		1.3	1.3	1.3								4.0	8.7
ENE	.7	2.7	1.3	.7								5.3	6.3
E	2.0	4.0	6.0									12.0	6.4
ESE	2.0	.7										2.7	2.8
SE		1.3										1.3	5.0
SSE		.7	1.3	.7								2.7	8.5
S	1.3	4.0	6.7	2.7	1.3							16.0	8.9
SSW	3.3	2.7	5.3	4.0								15.3	7.6
SW		1.3	2.0	2.0								5.3	9.1
WSW	.7	1.3			.7							2.7	8.0
W	1.3	.7										2.0	3.7
WNW	.7	.7	.7									2.0	5.0
NW		2.0	.7									2.7	6.3
NNW	.7	.7		1.3	.7							3.3	10.0
VARBL													
CALM												4.0	
	13.3	26.7	36.0	13.3	6.0	.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

ALL

HOURE (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	4.4	5.2	1.9	.4						15.7	10.3
NNE	1.7	2.9	6.8	3.2	.9	.1						15.6	9.0
NE	.5	1.6	2.8	.9								5.8	7.7
ENE	1.2	1.2	1.6	.7								4.7	6.6
E	2.1	1.4	2.1	.7								6.3	6.0
ESE	.7	.9	.7	.2								2.3	5.2
SE	.2	.3		.1								.6	4.9
SSE	.7	.3	.6	.4								2.1	6.3
S	.8	2.1	4.6	3.7	1.1	.3						12.7	10.2
SSW	.9	2.1	4.3	4.3	.7	.1						12.3	9.9
SW	.3	1.7	1.3	1.1	.1							4.3	8.0
WSW	.6	.3	.6	.2	.2							2.0	7.3
W	.3	.4	.1	.1								.9	5.1
WNW	.7	.1	.2									.9	3.5
NW	.7	1.2	.3	.1								2.3	5.0
NNW	1.0	2.1	2.2	1.1	.2	.2						6.7	7.9
VARBL													
CALM												4.0	
	14.0	21.1	32.7	21.9	5.1	1.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

00

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.2	11.0	9.0	.6							28.4	9.0
NNE		3.9	4.5	5.2								13.5	9.9
NE		1.3	3.2	3.2								7.7	9.8
ENE			.6	.6								1.3	10.5
E	1.9											1.9	1.0
ESE	.6	.6										1.3	3.5
SE													
SSE		.6										.6	4.0
S	.6	.6	1.3	.6	.6	.6						3.9	11.3
SSW		1.3	.6	.6	.6							3.2	10.0
SW		.6	.6	.6								1.3	9.0
WSW	.6	.6	.6	1.3								3.2	8.8
W	.6	.6	.6									1.3	6.0
WNW	.6											.6	2.0
NW	3.2	1.3	.6									3.2	3.5
NNW	1.9	6.4	6.5	1.9								18.7	7.0
VARBL													
CALM												7.7	
	12.9	24.3	29.7	22.6	1.9	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

73-77

YEARS

OCT

MONTH

ALL WEATHER

03

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.2	16.1	13.5	3.2							38.1	10.6
NNE		1.3	2.6	7.7	1.3							12.9	12.1
NE	1.3	1.3	.6									3.2	4.8
ENE		.6	1.3	.6								2.6	8.0
E													
ESE	.6											.6	3.0
SE	.6											.6	3.0
SSE	1.9											1.9	2.3
S		.6	1.3			.6	.6					3.2	15.8
SSW		.6		1.3								1.9	10.0
SW			.6	.6								1.3	10.0
WSW		.6	.6									1.3	7.0
W	.6											.6	2.0
WNW	.6											1.3	3.0
NW	1.3	2.6	3.2									7.1	5.7
NNW	1.3	7.1	6.4	1.9								18.7	7.3
VARBL													
CALM												4.5	
	8.4	20.6	34.8	25.8	4.5	.6	.6					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

OCT

MONTH

06

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	5.2	15.5	12.3	5.2	.6						43.2	10.1
NNE	1.3	1.9	2.6	5.8	3.2							14.8	11.5
NE	.6	.6	1.3									2.6	6.8
ENE		.6	.6	.6								1.9	8.7
E		.6										.6	6.0
ESE													
SE													
SSE	.6											.6	2.0
S		.6										.6	6.0
SSW		1.3	.6	1.9								3.9	10.0
SW		.6										.6	4.0
WSW			.6	1.3								1.9	12.7
W		.6										.6	6.0
WNW													
NW		1.9	.6									2.6	5.0
NNW	.6	10.3	8.4	3.2								22.6	7.0
VARBL													
CALM												3.2	
	7.7	24.5	30.3	25.2	8.4	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION

STATION NAME

73-77

YEARS

OCT

MONTH

09

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	11.0	12.9	12.3	3.9							42.6	9.8
NNE	1.9	3.9	7.7	4.5	1.3							19.4	9.0
NE	3.9	2.0	.6	1.3								5.4	5.2
ENE	2.0	.6		.6								3.9	4.3
E	1.9											1.9	1.7
ESE													
SE													
SSE													
S			.6	1.3		.6						.6	10.0
SSW			1.9	.6								3.9	12.5
SW		.6	.6									1.3	6.0
WSW		.6	.6	.6								1.3	9.0
W			.6									.6	8.0
WNW													
NW		.6		.6								1.3	8.0
NNW	2.0	3.2	3.2	2.6	1.9							13.5	9.3
VARBL													
CALM												1.3	
	15.5	23.2	26.4	23.9	7.1	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 43323 YOKOSUKA, JAPAN STATION NAME YEARS 73-77 MONTH OCT 12 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.6	5.2	6.4	3.2	1.3						21.3	12.6
NNE	5.8	5.6	6.5	5.2	1.3							24.5	7.8
NE	1.3	5.2	3.9	2.6								12.9	7.3
ENE	1.9	1.9	1.3	1.9								7.1	7.0
E	3.2	3.9	.6	.6								8.4	4.5
ESE	1.3	1.9										3.2	3.8
SE	.6	.6										1.3	3.0
SSE	.6											.6	3.0
S	1.3	.6			.6							2.6	7.0
SSW		.6		.6	.6							1.9	13.3
SW		.6		.6	.6							1.9	12.3
WSW			.6				.6					.6	10.0
W												.6	30.0
WNW													
NW			1.3									1.3	9.0
NNW		.6	2.6	1.9								5.2	10.0
VARBL													
CALM												6.5	
	16.8	24.5	21.9	21.9	6.5	1.3	.6					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

OCT

MONTH

15

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.0	3.9	6.5	1.9	1.3						18.7	10.7
NNE	2.5	3.9	5.0	1.9	1.3							15.5	8.1
NE	3.2	3.2	3.2	2.6								12.3	7.1
ENE		1.3	2.6	3.2								7.1	10.1
E	2.5	6.5	.6	.6								10.3	5.3
ESE	1.3	1.3										2.6	3.3
SE	.6	.6										1.3	3.0
SSE	1.9	.6		.6								3.2	5.0
S		1.3	1.9		.6							3.9	9.5
SSW		.6	1.3	2.6								4.5	10.3
SW	.6	.6	.6	.6	.6							3.2	9.4
WSW	1.3		.6		.6	.6						3.2	10.0
W		.6										.6	6.0
WNW	1.3											1.3	2.0
NW	.6											.6	3.0
NNW	1.3	1.3	1.3	.6	.6							5.2	8.1
VARBL													
CALM												6.5	
	20.0	24.5	21.9	19.4	5.8	1.9						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	4.3	3.9	5.2	.6						16.1	13.5
NNE		.6	2.6	2.6	.6	.6						7.1	11.9
NE	1.3	1.9	1.3	.6	1.3							6.5	8.8
ENE	.6	.6	3.9	3.2								8.4	9.5
E	1.3		4.3	5.8								11.6	9.6
ESE	1.3		1.9	1.3								4.5	7.6
SE	.6	.6										1.3	4.0
SSE	1.9		.6									2.6	3.5
S	2.6	.6	3.2	2.6								9.0	7.2
SSW	1.3	1.9	2.6		.6							6.5	7.2
SW	1.9	1.3	2.6	.6								6.5	6.0
WSW		1.9		.6		.6						3.2	10.6
W	1.3	.6										1.9	3.3
WNW	1.3		1.3									2.6	4.5
NW			.6									.6	10.0
NNW		1.3	1.3	3.2								5.8	10.3
VARBL													
CALM													
	16.1	12.9	31.0	24.5	7.7	1.9						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43323

YUKOSUKA, JAPAN

73-77

DCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9	3.9	5.8	3.9	.6						18.1	12.0
NNE	1.3	2.0	4.5	1.9	1.3							11.6	9.0
NE	.6	3.2	6.5	2.6								12.9	8.8
ENE	.6	1.3	4.5	3.9								10.3	9.2
E	1.3	1.9										3.2	4.0
ESE		.6										.6	4.0
SE	1.3	1.3										2.6	2.8
SSE	2.6			.6								3.2	4.2
S	3.2	1.9	1.9		.6	.6						8.4	6.3
SSW		1.3	1.9	2.6								5.8	10.4
SW		.6	1.3									1.9	6.3
WSW		.6	1.3	.6								2.6	9.3
W		.6										.6	4.0
WNW													
NW	1.3	.6										1.9	3.3
NNW	1.3	3.9	2.6	1.9	.6							10.3	7.2
VARBL													
CALM												3.8	
	13.5	24.3	26.4	20.0	6.5	1.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

1225

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

MONTH
OCT

ALL WEATHER

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

0000

TOTAL NUMBER OF OBSERVATIONS

1240

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.0	9.1	9.0	3.4	.6						28.3	10.7
NNE	1.6	3.0	4.0	4.4	1.3	.1						14.9	9.6
NE	1.5	2.4	2.6	1.6	.2							8.3	7.6
ENE	.7	.9	1.9	1.9								5.3	8.5
E	1.3	1.0	.7	.9								4.8	5.9
ESE	.6	.8	.2	.2								1.6	5.0
SE	.5	.4										.9	3.1
SSE	1.2	.2	.1	.2								1.6	3.8
S	1.0	.8	1.3	.3	.3	.2	.1					4.0	8.7
SSW	.2	1.0	1.1	1.4	.2	.1						4.0	10.1
SW	.3	.6	.7	.4	.2							2.3	7.8
WSW	.2	.6	.6	.6	.1	.2						2.2	9.8
W	.3	.3	.2	.6			.1					.9	7.1
WNW	.5	.1	.2									.7	3.3
NW	.8	.9	.8	.1								2.6	5.3
NNW	1.1	4.3	4.3	2.2	.4							12.5	7.8
VARBL													
CALM												5.2	
	13.9	22.4	26.3	22.9	6.0	1.1	.2					100.0	8.3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

73-77

YEARS

NOV
MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	10.0	8.7	4.0		.7					27.3	11.6
NNE		2.7	4.0	6.7	2.7							15.0	12.0
NIE		.7	2.0	.7	.7	.7						4.7	12.0
ENE	2.0		.7	1.3								4.0	6.2
E		1.3										1.3	4.0
ESE													
SE	.7											.7	3.0
SSE	.7	.7										1.3	4.0
S		1.3	.7	.7								2.7	8.8
SSW		1.3	.7	1.3								3.3	8.8
SW			2.0	2.0	.7							4.7	12.1
WSW	.7	1.3	.7	2.0	.7	.7						4.0	14.0
W		1.3		1.3								3.3	7.2
WNW	1.3	1.3	.7									3.3	4.8
NW	.7	6.7										7.3	4.3
NNW	.7	6.0	3.3	1.3								13.3	7.2
VARBL													
CALM												2.7	
	8.7	25.3	26.7	26.0	8.7	1.3	.7					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.7	10.7	10.7	5.3	1.3	.7					34.0	12.3
NNE		2.7	5.3	5.3	.7							14.0	10.7
NE	.7	.7		.7	2.0							4.0	11.7
ENE	2.0	.7		.7								3.3	5.0
E													
ESE													
SE		.7										.7	4.0
SSE												.7	8.0
S			2.7									2.7	8.5
SSW			.7	2.7	.7							5.3	12.1
SW		1.3		1.3		.7						6.0	11.9
WSW			4.0		.7							2.7	10.0
W		1.3	.7									1.3	6.0
WNW		1.3										6.0	3.2
NW	2.7	3.3										17.3	6.0
NNW	2.0	6.0	6.7	.7									
VARBL													
CALM												2.0	
	8.0	24.7	31.3	22.0	9.3	2.0	.7					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.7	10.7	10.7	4.7	1.3						34.7	11.2
NNE	2.0	2.7	6.0	6.0	2.0	.7						19.3	10.5
NE	.7	.7	2.0	2.0	.7							5.3	11.0
ENE	1.3	1.3	.7									3.3	4.6
E												1.3	4.5
ESE	.7	.7										.7	6.0
SE												.7	3.0
SSE	.7	.7										2.7	10.3
S												2.7	9.3
SSW			2.0	.7								2.7	15.3
SW		.7	1.3	.7								2.7	8.3
WSW		.7	1.3	.7	2.0	.7						2.0	4.7
W		1.3	.7	.7								3.3	4.4
WNW	1.3	2.7		.7								14.7	7.1
NW	.7	6.7	3.3	1.3								1.3	
NNW	1.3											100.0	9.6
VARB													
CALM													
	10.7	22.7	30.0	23.3	9.3	2.7							

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SHOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	11.3	8.0	16.0	4.7	.7						42.0	10.9
NNE	2.0	3.3	6.0	5.3	2.0	.7						19.3	10.0
NE		1.3	2.0	1.3	.7							5.3	10.5
ENE	.7											.7	2.0
E		1.3	2.0									3.3	6.6
ESE		.7	.7									.7	4.0
SE												.7	10.0
SSE	.7											.7	3.0
S		.7	.7	.7		.7						1.3	15.0
SSW			1.3	2.0		.7						2.0	16.0
SW				1.3	1.3	2.0						3.3	13.2
WSW	.7		.7	1.3								5.3	16.8
W	.7	.7	.7									2.7	9.5
WNW		.7	.7									1.3	6.5
NW		.7										.7	4.0
NNW	.7	2.0	2.0	.7			.7					6.0	9.6
VARBL													
CALM												4.7	
	6.7	22.0	24.0	28.7	8.7	4.7	.7					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
43323

STATION NAME
YOKOSUKA, JAPAN

YEARS
73-77

NOV

MONTH

CLASS
ALL WEATHER

12

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	7.3	8.7	2.7	.7						23.3	11.1
NNE	1.3	2.0	11.3	10.0	1.3							26.0	10.5
NE	2.0	2.7	4.0	2.0	.7							11.3	7.6
ENE	2.7	3.3	.7	.7								7.3	5.4
E	4.0	2.0	.7									6.7	3.8
ESE	2.0	1.3										3.3	2.8
SE		.7										.7	4.0
SSE													
S	.7	.7		1.3	1.3							4.0	12.0
SSW		1.3	.7	.7		.7						3.3	11.2
SW	.7		1.3	2.7								4.7	10.6
WSW				2.7	3.3							6.0	16.1
W													
WNW													
NW													
NNW		.7		.7								1.3	9.0
VARB												2.0	
CALM													
	14.7	17.3	26.0	23.7	10.0	1.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

8000

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

NOV

MONTH

15

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.3	1.3	6.0	4.0							15.3	12.4
NNE	1.3	6.0	6.0	5.3	.7	.7						22.0	8.7
NE	.7	2.7	2.7	1.3	.7							8.0	8.4
ENE		4.7	4.7	2.0	.7							12.0	8.7
E	2.7	1.3	.7	1.3								6.0	5.3
ESE	1.3											1.3	1.0
SE													
SSE		.7	.7									1.3	6.5
S	.7	1.3	4.0									6.0	7.1
SSW		2.0	1.3	.7	2.0							6.0	11.1
SW			1.3	2.0	.7	.7						4.7	14.3
WSW			.7	1.3	2.0		1.3					5.3	18.6
W			.7	.7								1.3	12.5
WNW													
NW	1.3	.7		2.0								4.0	7.5
NNW													
VARBL												6.7	
CALM													
	8.7	22.7	26.0	22.7	10.7	1.3	1.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

150

0000

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	4.7	8.0	4.7	.7						22.0	11.8
NNE	2.0	2.7	2.0	5.3	1.3							11.3	10.8
NE		.7	2.7	.7	.7							6.7	7.3
ENE	2.0	.7	1.3	3.3	.7							6.0	13.1
E	2.0	2.0	2.7	3.3								10.0	7.8
ESE		1.3	1.3	.7								3.3	8.6
SE	.7	.7										1.3	3.5
SSE													
S		1.3	1.3									2.7	6.0
SSW		2.7	2.7	.7	.7							6.7	8.7
SW		.7	1.3	2.0	1.3	.7						6.0	14.2
WSW			2.0	2.7	1.3							6.0	13.2
W				2.0								2.0	15.7
WNW		3.3										3.3	4.8
NW		1.3	1.3									1.3	9.5
NNW	2.0	1.3	.7	2.0								6.0	7.7
VARBL													
CALM												5.3	
	8.7	19.3	24.0	30.7	10.7	1.3						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YUKOSUKA, JAPAN

73-77

STATION NAME

YEARS

NOV

MONTH

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	5.3	6.0	2.7	.7						19.3	12.3
NNE		2.0	5.3	8.7	2.0	.7	.7					19.3	12.8
NE			3.3	1.3								4.7	9.9
ENE	.7	1.3	2.0	1.3								5.3	7.9
E	.7	1.3	2.0	1.3								5.3	7.4
ESE													
SE		1.3										1.3	5.0
SSE	1.3	.7										2.0	3.3
S	.7	1.3		.7								2.7	7.0
SSW	.7	1.3	2.7	.7	.7							6.0	9.2
SW			2.0	1.3	1.3							4.7	13.4
WSW			1.3	2.7	.7							4.7	13.6
W	1.3	1.3	.7		1.3							4.7	7.9
WNW		2.0										2.0	4.0
NW		2.7	1.3									4.0	6.3
NNW	.7	1.3	6.0	.7								8.7	7.8
VARBL													
CALM												5.3	
	6.0	19.3	32.0	26.7	8.7	1.3	.7					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

ALL WEATHER

CLASS

NOV

MONTH

ALL

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.2	7.2	9.6	4.1	.7	.2					27.2	11.6
NNE	.8	3.0	6.0	6.6	1.6	.3	.1					18.4	10.7
NE	.7	1.2	2.3	1.2	.7	.1						6.2	9.3
ENE	1.2	1.5	1.2	1.1	.2							5.2	7.7
E	1.2	1.2	1.0	.7								4.1	6.2
ESE	.5	.3	.2	.1								1.2	4.8
SE	.2	.3	.1									.6	4.9
SSE	.3	.4	.1									.3	4.4
S	.3	.6	.6	.3	.2	.1						2.6	8.5
SSW	.1	1.1	1.7	.7	.4	.2						4.1	10.1
SW	.1	.3	1.4	1.9	.6	.2						4.5	12.6
WSW	.1	.1	1.2	1.8	1.4	.5	.2					5.3	14.9
W	.3	.7	.4	.7	.2							2.4	9.4
WNW	.3	1.1	.2	.1								1.7	5.0
NW	.5	2.0	.3									2.8	4.8
NNW	1.1	3.3	3.2	1.2			.1					8.9	7.2
VARBL													
CALM												3.7	
	9.0	21.7	27.5	26.1	9.5	2.0	.5					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

1200

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

HOURS (L.S.T.)

1225

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	7.7	12.3	9.0	.6		.6					32.3	8.9
NNE		.6	6.3	8.4		.6						16.1	11.0
NE			1.9	1.3								3.2	11.0
ENE		1.3	.6									1.9	6.3
E		.6										.6	6.0
ESE													
SE	.6	.6										1.3	3.5
SSE		.6										.6	4.0
S													
SSW		.6	.6	.6								1.9	9.7
SW		1.3	.6			.6						2.6	10.3
WSW			.6	3.2	.6	.6						5.2	15.6
W		1.3	2.6	.6	1.3							5.6	11.0
WNW	.6	1.9										2.6	3.5
NW	.6	6.3	1.3									8.4	5.3
NNW	1.3	7.1	7.1									15.5	6.3
VARBL													
CALM												1.9	
	5.2	30.3	34.2	23.2	2.6	1.9	.6					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

YOKOSUKA, JAPAN

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

03

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		10.3	11.0	5.8	3.2	.6						31.0	9.7
NNE		2.0	5.0	3.9								12.3	8.7
NE	.6		.6	3.2								4.3	11.0
ENE	.6	1.3										1.9	3.7
E	.6		.6									1.3	4.3
ESE												.6	4.0
SE		.6											
SSE												1.3	4.3
S	.6	.6										.6	10.0
SSW			.6									.6	8.0
SW			.6										
WSW		.6	1.3	2.6	1.9							6.3	13.3
W	.6		1.9	.6								3.2	8.8
WNW	.6	3.2										3.9	4.0
NW	3.2	5.8	1.9									11.0	4.7
NNW	1.9	8.4	9.0	.6								20.0	6.7
VARBL													
CALM												1.3	
	9.0	33.5	33.5	16.8	5.2	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323

STATION NAME
YUKOSUKA, JAPAN

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	7.1	9.0	9.0	2.0							28.4	10.2
NNE	.6	3.9	3.9	7.7								16.1	9.9
NE		1.9										1.9	5.3
ENE		.6	.6									1.3	5.3
E	.6	.6										1.3	4.0
ESE													
SE													
SSE													
S	.6	.6										1.3	4.0
SSW					.6							.6	18.0
SW				1.3	.6							1.3	14.0
WSW		.6		1.9	.6							3.2	13.2
W	.6	1.3	2.6		.6							3.2	8.3
WNW	.6	1.3	.6									2.6	4.8
NW	3.2	3.2	.6									7.1	4.0
NNW	3.2	12.9	9.0	1.9		.6						27.7	6.9
VARBL													
CALM												1.9	
	10.3	34.2	76.5	21.9	4.5	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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5702 SURFACE WINDS JAN 78

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0000

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC

MONTH

09

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	8.4	11.0	5.2	3.2							32.9	8.4
NNE	2.6	3.2	5.2	5.2	2.6							18.7	9.9
NE	.6	2.6	3.2	1.3								7.7	7.8
ENE	.6											.6	2.0
E	.6	1.3										1.9	4.0
ESE	.6	.6										1.3	3.0
SE	1.3			.6								1.9	5.3
SSE													
S	.6	.6		.6	.6							.6	18.0
SSW				.6								1.9	7.7
SW													
WSW	.6	.6	.6	1.3	.6	.6						3.2	16.4
W	1.3	1.3	2.6	.6	.6							5.2	9.5
WNW	.6	1.3	.6	.6								3.9	5.0
NW	1.3	1.3	.6									3.2	4.6
NNW	.6	3.2	5.8	1.9								12.9	7.2
VARBL													
CALM												3.9	
	16.8	23.9	29.7	17.4	7.7	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC

MONTH

12

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

0000

TOTAL NUMBER OF OBSERVATIONS

155

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.3	7.7	6.3	1.3	.6						20.0	9.7
NNE	1.3	5.8	9.0	3.9		.6						20.6	8.2
NE	2.6	7.1	7.1	1.3								18.1	6.3
ENE	3.9	1.9										5.8	3.3
E	5.8	1.9										7.7	3.2
ESE	1.9											1.9	2.0
SE													
SSE		.6										.6	5.0
S	.6	.6										1.3	3.5
SSW	.6		1.9	.6								3.2	8.8
SW	.6		.6	.6	.6							1.9	10.0
WSW	.6	.6	1.9	3.9	1.3	1.3						9.7	13.6
W		.6	.6	.6		.6		.6				2.6	20.5
WNW													
NW													
NNW	.6	1.3	.6	.6								3.2	7.0
VARB													
CALM												3.2	
	21.3	21.3	29.7	17.4	3.2	3.2		.6				100.0	7.9

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43323

YOKOSUKA, JAPAN

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

43323

ALL WEATHER

15

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	3.2	4.5	.6	.6						11.6	10.6
NNE	1.9	2.6	3.2	1.9	1.3							12.9	8.4
NE	1.3	6.3	3.9	.6								12.3	6.5
ENE	1.9	3.2	3.2	.6								12.9	6.3
E	2.6	7.1	1.9									11.6	4.8
ESE		1.3										1.3	5.5
SE	1.3	.6										1.9	3.0
SSE	.6											.6	3.0
S	.6	.6	1.3	.6								3.2	7.0
SSW	.6	2.6	1.3	.6	1.3							6.3	8.8
SW		1.9	1.3	.6		.6						4.3	10.1
WSW		1.3	2.6	2.6	3.2	1.9						11.6	14.9
W	.6			.6	1.3							1.9	16.7
WNW												.6	2.0
NW													
NNW		1.9	.6	.6								3.2	6.8
VARBL													
CALM												3.2	
	12.9	32.9	26.3	13.5	7.7	3.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	7.7	6.5	4.5							21.3	11.4
NNE	.6	1.3	3.9	3.9	1.3	.6						11.6	10.9
NE	.6	3.2	1.3									5.2	5.6
ENE	1.3	1.9	1.3	1.3								5.8	7.2
E		3.9	5.2	1.3								10.3	7.6
ESE		1.3	.6									1.9	6.0
SE	.6	.6										1.3	3.5
SSE	.6	.6										1.3	3.0
S	2.6	1.9	1.3		.6							6.5	6.1
SSW	1.3	.6	2.6									4.5	6.0
SW		1.3	1.9		.6							3.9	9.3
WSW		1.3	1.3	6.5	1.3							10.3	12.1
W		.6	.6	3.9								5.2	12.0
WNW	.6											.6	2.0
NW		.6	.6									1.3	6.5
NNW	.6	1.3		3.2		.6						5.8	11.6
VARBL													
CALM												3.2	
	9.0	23.2	28.4	26.5	8.4	1.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
43323

YOKOSUKA, JAPAN

73-77

YEARS

DEC

MONTH

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.2	8.4	8.4	1.9							21.9	10.3
NNE	.6	1.3	7.1	3.2	1.3							13.3	10.0
NE	1.9	3.2	1.3	3.2								9.7	7.1
ENE	.6	1.3	1.9									3.9	5.8
E	.6	1.3	1.9	.6								4.5	7.1
ESE	.6	1.3	.6									2.6	6.0
SE		1.3										1.3	4.0
SSE	.6											.6	3.0
S				.6								.6	16.0
SSW		.6	1.9		.6							3.2	9.2
SW	.6		.6	1.9		.6						3.9	13.3
WSW		1.3	1.9	1.9								5.2	9.3
W		1.3	.6	2.6	.6							5.2	12.0
WNW		.6	.6									1.3	6.5
NW	1.9	6.5	1.3									9.7	4.7
NNW	.6	2.6	1.9	1.9	.6							7.7	9.2
VARBL													
CALM												5.2	
	6.4	25.8	30.3	24.5	5.2	.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	5.2	8.8	6.9	2.3	.2	.1					24.9	9.7
NNE	1.0	2.7	5.0	4.8	.8	.2						15.2	9.6
NE	1.0	3.1	2.4	1.4								7.8	7.2
ENE	1.1	1.7	1.2	.2								4.3	5.6
E	1.4	2.1	1.2	.2								4.9	5.4
ESE	.4	.0	.2									1.1	4.6
SE	.5	.3		.1								1.0	3.9
SSE	.2	.2										.5	3.5
S	.6	.6	.3	.2	.2							1.9	6.7
SSW	.4	.6	1.1	.3	.3							2.8	8.6
SW	.2	.6	.7	.5	.2	.2						2.3	10.8
WSW	.1	.7	1.3	3.0	1.2	.6						6.9	13.5
W	.2	.6	1.3	1.2	.6	.1		.1				4.3	11.5
WNW	.6	1.0	.2	.1								1.9	4.3
NW	1.2	3.1	.6									5.1	4.8
NNW	1.3	4.8	4.3	1.4	.1	.2						12.0	7.2
VARBL													
CALM												3.0	
	11.6	28.1	29.8	20.2	5.6	1.5	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1240

0000

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

ALL WEATHER

CLASS

ALL

MONTH

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	5.9	5.8	2.3	.4	.0					19.4	10.4
NNE	1.5	3.3	4.7	4.3	1.0	.2	.0					15.0	9.5
NE	1.0	2.1	2.3	1.2	.1	.0						6.8	7.5
ENE	1.0	1.7	1.2	.6	.0	.0						4.7	6.3
E	1.8	1.3	1.2	.6	.0		.0					5.3	5.6
ESE	.7	.7	.4	.1	.0							1.9	5.1
SE	.4	.4	.2	.1								1.0	4.9
SSE	.7	.7	.2	.2	.0							2.2	5.8
S	.8	2.1	3.3	2.6	.6	.3	.0	.0				9.7	9.7
SSW	.5	1.9	3.2	2.8	.8	.2	.0	.0				9.4	10.2
SW	.3	.9	1.2	1.0	.3	.1	.0					3.8	9.7
WSW	.3	.6	.9	1.1	.3	.2	.0					3.7	11.6
W	.4	.7	.4	.4	.2	.1	.0	.0				2.1	8.8
WNW	.4	.4	.1	.0	.0							1.0	4.3
NW	.6	1.2	.3	.0	.0							2.4	4.9
NNW	1.0	2.4	2.2	1.1	.2	.0	.0					6.9	7.5
VARBL													
CALM												4.3	
	13.0	24.5	28.2	21.9	6.1	1.5	.2	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

14606

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

ALL

MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.9	6.0	8.8	4.4	1.4	.0					31.2	10.9
NNE	3.0	3.9	5.1	4.6	1.7	.7	.0					19.0	9.5
NE	1.7	2.1	2.1	.9	.1	.1						7.0	6.9
ENE	.8	1.2	.7	.4								3.1	6.0
E	1.6	.9	.2	.3								3.1	4.4
ESE	.6	.4	.2	.1								1.3	4.9
SE	.3	.1	.1	.0								.7	4.9
SSE	.4	.4	.1	.1	.0							1.0	5.7
S	.7	1.3	1.0	1.6	.6	.8	.2	.1				6.4	12.6
SSW	.3	.3	.8	1.4	.9	.5		.0				4.6	13.4
SW	.4	.2	.4	.1	.1	.0						1.3	8.4
WSW	.4	.1	.1	.2	.2							1.0	8.3
W	.2	.4	.0									.6	4.2
WNW	.4	.3	.1									.8	3.4
NW	1.0	.9	.3	.0								2.4	4.6
NNW	1.3	3.6	3.0	2.4	.4	.1						11.0	8.3
VARBL													
CALM												5.5	
	15.9	22.2	22.5	21.0	8.7	3.7	.3	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

2128

0000

NWSD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0					95.4		96.9			98.3					100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	38.7	52.9	56.1	59.4	60.7	60.7	61.9	61.9	61.9	63.2	63.2	63.2	63.2
≥ 20000	38.7	53.6	57.4	60.7	61.9	61.9	63.2	63.2	63.2	64.5	64.5	64.5	64.5
≥ 18000	38.7	53.6	57.4	60.7	61.9	61.9	63.2	63.2	63.2	64.5	64.5	64.5	64.5
≥ 16000	38.7	53.6	57.4	60.7	61.9	61.9	63.2	63.2	63.2	64.5	64.5	64.5	64.5
≥ 14000	38.7	53.6	57.4	60.7	61.9	61.9	63.2	63.2	63.2	64.5	64.5	64.5	64.5
≥ 12000	38.7	53.6	57.4	60.7	61.9	61.9	63.2	63.2	63.2	64.5	64.5	64.5	64.5
≥ 10000	38.7	54.8	58.7	61.9	63.2	63.2	64.5	64.5	64.5	65.8	65.8	65.8	65.8
≥ 8000	40.0	56.8	60.7	64.5	65.8	65.8	67.1	67.1	67.1	68.4	68.4	68.4	68.4
≥ 7000	40.0	56.8	60.7	64.5	65.8	65.8	67.1	67.1	67.1	68.4	68.4	68.4	68.4
≥ 6000	40.0	56.8	60.7	64.5	65.8	65.8	67.1	67.1	67.1	68.4	68.4	68.4	68.4
≥ 5000	40.7	58.1	61.9	66.5	67.7	67.7	69.0	69.0	69.0	70.3	70.3	70.3	70.3
≥ 4500	40.7	58.1	61.9	66.5	67.7	67.7	69.0	69.0	69.0	70.3	70.3	70.3	70.3
≥ 4000	43.9	65.8	69.7	74.2	75.5	75.5	77.4	77.4	77.4	78.7	78.7	78.7	78.7
≥ 3500	44.5	68.4	72.3	76.8	78.1	78.1	80.0	80.0	80.0	81.3	81.3	81.3	81.3
≥ 3000	45.8	72.9	77.4	81.9	83.2	83.2	86.5	86.5	86.5	87.7	87.7	87.7	87.7
≥ 2500	47.7	75.5	80.7	85.2	86.5	86.5	89.7	89.7	89.7	91.0	91.0	91.0	91.0
≥ 2000	47.7	77.4	83.2	87.7	89.0	89.0	92.3	92.3	92.3	93.6	93.6	93.6	93.6
≥ 1800	47.7	77.4	83.2	87.7	89.0	89.0	92.3	92.3	92.3	93.6	93.6	93.6	93.6
≥ 1500	49.0	79.4	85.2	89.7	91.6	91.6	95.5	95.5	95.5	96.8	96.8	96.8	96.8
≥ 1200	49.0	79.4	85.2	89.7	91.6	91.6	95.5	95.5	95.5	96.8	96.8	96.8	96.8
≥ 1000	49.0	79.4	86.5	91.6	93.6	93.6	97.4	97.4	97.4	98.7	98.7	98.7	98.7
≥ 900	49.0	79.4	86.5	91.6	93.6	93.6	97.4	97.4	97.4	98.7	98.7	98.7	98.7
≥ 800	49.0	80.0	87.1	92.3	94.2	94.2	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 700	49.0	80.0	87.1	92.3	94.2	94.2	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 600	49.0	80.0	87.1	92.3	94.2	94.2	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 500	49.0	80.7	87.7	92.9	94.8	94.8	98.7	98.7	98.7	100.0	100.0	100.0	100.0
≥ 400	49.0	80.7	87.7	92.9	94.8	94.8	98.7	98.7	98.7	100.0	100.0	100.0	100.0
≥ 300	49.0	80.7	87.7	92.9	94.8	94.8	98.7	98.7	98.7	100.0	100.0	100.0	100.0
≥ 200	49.0	80.7	87.7	92.9	94.8	94.8	98.7	98.7	98.7	100.0	100.0	100.0	100.0
≥ 100	49.0	80.7	87.7	92.9	94.8	94.8	98.7	98.7	98.7	100.0	100.0	100.0	100.0
0	49.0	80.7	87.7	92.9	94.8	94.8	98.7	98.7	98.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	34.8	56.8	59.4	62.6	64.5	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	35.5	58.1	60.7	63.9	65.8	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 18000	35.5	58.1	60.7	63.9	65.8	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 16000	35.5	58.1	60.7	63.9	65.8	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 14000	35.5	58.1	60.7	63.9	65.8	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 12000	35.5	58.1	60.7	63.9	65.8	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 10000	36.8	59.4	62.6	65.8	67.7	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
AI 9000	36.8	59.4	62.6	65.8	67.7	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
AI 8000	36.8	60.0	63.2	66.5	68.4	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3
AI 7000	36.8	60.0	63.2	66.5	68.4	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3
AI 6000	36.8	60.0	63.2	66.5	68.4	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3
AI 5000	38.7	64.5	67.7	71.0	73.6	73.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5
AI 4500	38.7	65.2	68.4	71.6	74.2	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1
AI 4000	40.7	69.7	72.9	76.6	79.4	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 3500	42.6	72.3	75.5	79.4	81.9	81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 3000	43.9	76.1	80.7	84.5	87.1	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AI 2500	43.9	78.1	82.6	86.5	89.0	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
AI 2000	45.2	80.0	84.5	88.4	91.0	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 1800	45.2	80.0	84.5	88.4	91.0	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 1500	45.8	80.7	85.8	89.7	92.3	92.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 1200	45.8	80.7	85.8	89.7	92.3	92.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 1000	45.8	81.9	87.1	91.6	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 900	45.8	81.9	87.1	91.6	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 800	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 700	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 600	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 500	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 400	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 300	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 200	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 100	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 0	46.5	82.6	87.7	92.3	94.8	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	36.1	57.4	59.4	60.0	60.7	60.7	62.6	62.6	62.6	62.6	62.6
≥ 20000	37.4	58.7	61.3	62.6	63.2	63.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	37.4	58.7	61.3	62.6	63.2	63.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	37.4	58.7	61.3	62.6	63.2	63.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	37.4	58.7	61.3	62.6	63.2	63.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	37.4	58.7	61.3	62.6	63.2	63.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	37.4	60.0	63.2	64.5	65.2	65.2	67.1	67.1	67.1	67.1	67.1
≥ 9000	37.4	60.0	63.2	64.5	65.2	65.2	67.1	67.1	67.1	67.1	67.1
≥ 8000	38.7	63.2	66.5	67.7	68.4	68.4	70.3	70.3	70.3	70.3	70.3
≥ 7000	38.7	63.9	67.1	68.4	69.0	69.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	38.7	63.9	67.1	68.4	69.0	69.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	41.3	67.1	70.3	72.3	72.9	72.9	74.8	74.8	74.8	74.8	74.8
≥ 4500	41.3	67.1	70.3	72.3	72.9	72.9	74.8	74.8	74.8	74.8	74.8
≥ 4000	44.5	74.2	77.4	80.0	80.7	80.7	82.6	82.6	82.6	82.6	82.6
≥ 3500	45.8	76.1	80.0	82.6	83.2	83.2	85.8	85.8	85.8	85.8	85.8
≥ 3000	47.1	81.3	85.2	89.0	89.7	90.3	92.9	92.9	92.9	92.9	92.9
≥ 2500	47.1	81.3	85.8	89.7	90.3	91.0	94.2	94.2	94.2	94.2	94.2
≥ 2000	47.1	83.2	87.1	91.0	91.6	92.3	95.5	95.5	95.5	95.5	95.5
≥ 1800	47.1	83.2	87.1	91.0	91.6	92.3	95.5	95.5	95.5	95.5	95.5
≥ 1500	47.1	83.9	87.7	91.6	92.3	92.9	96.8	96.8	96.8	96.8	96.8
≥ 1200	47.1	83.9	87.7	91.6	92.3	92.9	96.8	96.8	96.8	96.8	96.8
≥ 1000	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 900	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 800	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 700	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 600	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 500	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 400	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 300	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 200	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
≥ 100	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7
0	47.7	84.5	89.0	92.9	93.6	94.8	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YUKOSUKA, JAPAN

73-77

STATION NAME

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	32.3	47.7	52.3	55.5	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	33.6	50.3	54.8	58.7	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5
AI 18000	33.6	50.3	54.8	58.7	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5
AI 16000	33.6	50.3	54.8	58.7	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5
AI 14000	34.2	51.0	55.5	59.4	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2
AI 12000	34.8	52.3	56.8	60.7	64.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
AI 10000	36.1	54.2	59.4	63.9	67.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3
AI 9000	36.1	54.2	59.4	63.9	67.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3
AI 8000	38.1	56.8	61.9	66.5	70.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9
AI 7000	38.1	56.8	61.9	66.5	70.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9
AI 6000	38.1	57.4	62.6	67.1	71.0	72.9	73.6	73.6	73.6	73.6	73.6	73.6
AI 5000	40.0	60.7	65.8	71.0	74.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
AI 4500	40.0	60.7	65.8	71.0	74.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
AI 4000	41.9	65.2	71.0	76.8	81.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2
AI 3500	43.2	67.7	73.6	79.4	85.2	87.1	88.4	88.4	88.4	88.4	88.4	88.4
AI 3000	44.5	71.0	77.4	83.9	89.7	91.6	92.9	92.9	92.9	92.9	92.9	92.9
AI 2500	45.2	71.6	78.7	85.2	91.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8
AI 2000	45.2	72.9	81.3	87.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 1800	45.2	72.9	81.3	87.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 1500	45.2	72.9	81.9	88.4	94.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7
AI 1200	45.2	72.9	81.9	88.4	94.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7
AI 1000	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 900	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 800	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 700	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 600	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 500	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 400	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0
0	45.2	72.9	83.2	89.7	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323

YOKUSUKA, JAPAN

73-77

JAN

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	29.0	53.6	60.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	31.0	56.8	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	31.0	56.8	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	31.0	56.8	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	31.0	56.8	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	31.0	57.4	65.2	66.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	31.6	58.1	66.5	67.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	31.6	58.1	66.5	67.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	31.6	59.4	67.7	69.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	31.6	60.7	69.0	70.3	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	31.6	60.7	69.0	70.3	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	32.3	63.9	72.9	74.2	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	33.6	66.5	75.5	76.8	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	34.2	69.0	79.4	81.9	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	34.2	69.7	80.0	82.6	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	34.8	71.6	81.9	84.5	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	34.8	73.6	84.5	87.1	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	35.5	74.2	85.2	87.7	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1
≥ 1800	35.5	74.2	85.2	87.7	94.2	94.8	95.5	95.5	95.5	96.1	96.1	96.1
≥ 1500	35.5	74.2	85.2	87.7	94.2	94.8	95.5	95.5	95.5	96.1	96.1	96.1
≥ 1200	35.5	74.2	85.2	87.7	94.2	94.8	95.5	95.5	96.1	96.1	96.1	96.1
≥ 1000	35.5	74.8	85.8	88.4	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1
≥ 900	35.5	74.8	85.8	88.4	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1
≥ 800	35.5	74.8	85.8	88.4	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1
≥ 700	35.5	74.8	85.8	88.4	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1
≥ 600	35.5	74.8	85.8	88.4	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1
≥ 500	35.5	75.5	86.5	89.0	96.1	96.8	98.1	98.1	98.1	98.7	99.4	99.4
≥ 400	35.5	75.5	86.5	89.0	96.1	96.8	98.1	98.1	98.1	98.7	99.4	99.4
≥ 300	35.5	75.5	86.5	89.0	96.1	96.8	98.1	98.1	98.1	98.7	99.4	99.4
≥ 200	35.5	75.5	86.5	89.0	96.1	96.8	98.1	98.1	98.1	98.7	99.4	99.4
≥ 100	35.5	75.5	86.5	89.0	96.1	96.8	98.1	98.1	98.1	98.7	99.4	99.4
≥ 0	35.5	75.5	86.5	89.0	96.1	96.8	98.1	98.1	98.1	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323

YOKUSUKA, JAPAN

73-77

JAN

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	37.4	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	38.7	60.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	38.7	60.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	38.7	60.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	38.7	61.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	38.7	61.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	40.0	63.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	40.0	63.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	40.7	64.5	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	41.3	65.2	69.0	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	41.9	70.3	74.2	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	41.9	71.6	75.5	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	44.5	77.4	81.9	83.2	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	45.8	80.7	85.2	86.5	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	45.8	81.3	85.8	87.7	89.7	90.3	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6
≥ 2500	46.5	82.6	87.1	89.0	91.0	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9
≥ 2000	47.1	83.2	87.7	89.7	92.3	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2
≥ 1800	47.1	83.2	87.7	89.7	92.3	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2
≥ 1500	47.7	83.9	89.0	91.0	94.2	94.8	95.5	95.5	95.5	96.8	96.8	96.8	96.8	96.8
≥ 1200	47.7	83.9	89.0	91.0	94.2	94.8	95.5	95.5	95.5	96.8	97.4	97.4	97.4	97.4
≥ 1000	47.7	84.5	89.7	91.6	94.8	95.5	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1
≥ 900	47.7	84.5	89.7	91.6	94.8	95.5	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1
≥ 800	47.7	84.5	89.7	91.6	94.8	95.5	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1
≥ 700	47.7	84.5	89.7	91.6	94.8	95.5	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1
≥ 600	47.7	84.5	89.7	91.6	94.8	95.5	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1
≥ 500	47.7	84.5	90.3	92.3	96.1	96.8	97.4	97.4	97.4	98.7	99.4	100.0	100.0	100.0
≥ 400	47.7	84.5	90.3	92.3	96.1	96.8	97.4	97.4	97.4	98.7	99.4	100.0	100.0	100.0
≥ 300	47.7	84.5	90.3	92.3	96.1	96.8	97.4	97.4	97.4	98.7	99.4	100.0	100.0	100.0
≥ 200	47.7	84.5	90.3	92.3	96.1	96.8	97.4	97.4	97.4	98.7	99.4	100.0	100.0	100.0
≥ 100	47.7	84.5	90.3	92.3	96.1	96.8	97.4	97.4	97.4	98.7	99.4	100.0	100.0	100.0
0	47.7	84.5	90.3	92.3	96.1	96.8	97.4	97.4	97.4	98.7	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

2

1209040101

622

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	36.1	61.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	37.4	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	37.4	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	37.4	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	37.4	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	37.4	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	38.7	67.1	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	38.7	67.1	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	39.4	67.7	69.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	39.4	68.4	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	39.4	68.4	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	40.7	71.0	73.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	40.7	71.6	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	41.9	75.5	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	43.2	78.1	80.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	45.2	85.8	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	45.2	86.5	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	45.2	87.1	90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	45.2	87.1	90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	45.2	87.1	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	45.2	87.1	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	45.2	87.7	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATIONYOKUSUKA, JAPAN
STATION NAME73-77
YEARSJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	39.4	61.3	62.6	63.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	40.0	62.6	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	40.0	62.6	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	40.0	62.6	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	40.0	62.6	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	40.0	62.6	64.5	65.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	40.7	64.5	66.5	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	40.7	64.5	66.5	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	40.7	64.5	66.5	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	40.7	64.5	66.5	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	41.3	65.2	67.1	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	41.9	67.1	69.0	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	41.9	67.7	69.7	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	42.6	71.6	73.6	74.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4
≥ 3500	44.5	75.5	77.4	78.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3
≥ 3000	45.8	80.7	83.9	85.8	87.7	87.7	88.4	88.4	88.4	88.4	88.4
≥ 2500	47.1	83.9	87.1	89.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6
≥ 2000	48.4	87.1	90.3	92.3	94.2	94.2	94.8	94.8	94.8	94.8	94.8
≥ 1800	48.4	87.1	90.3	92.3	94.2	94.2	94.8	94.8	94.8	94.8	94.8
≥ 1500	49.0	87.7	91.0	93.6	95.5	95.5	96.8	96.8	96.8	96.8	96.8
≥ 1200	49.0	87.7	91.0	93.6	95.5	95.5	96.8	96.8	96.8	96.8	96.8
≥ 1000	49.0	87.7	91.0	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7
≥ 900	49.0	87.7	91.0	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7
≥ 800	49.0	87.7	91.0	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7
≥ 700	49.0	87.7	91.0	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7
≥ 600	49.0	87.7	91.0	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7
≥ 500	49.0	87.7	91.6	94.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4
≥ 400	49.0	87.7	91.6	94.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4
≥ 300	49.0	87.7	91.6	94.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4
≥ 200	49.0	87.7	91.6	94.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4
≥ 100	49.0	87.7	91.6	94.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4
≥ 0	49.0	87.7	91.6	94.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	35.5	56.1	59.3	60.9	62.3	62.3	63.1	63.1	63.2	63.2	63.2	63.2
≥ 20000	36.5	58.0	61.5	63.2	64.7	64.8	65.6	65.6	65.7	65.7	65.7	65.7
≥ 18000	36.5	58.0	61.5	63.2	64.7	64.8	65.6	65.6	65.7	65.7	65.7	65.7
≥ 16000	36.5	58.0	61.5	63.2	64.7	64.8	65.6	65.6	65.7	65.7	65.7	65.7
≥ 14000	36.6	58.2	61.6	63.4	64.8	65.0	65.7	65.7	65.9	65.9	65.9	65.9
≥ 12000	36.7	58.6	62.1	63.9	65.3	65.6	66.3	66.3	66.5	66.5	66.5	66.5
≥ 10000	37.5	60.2	64.2	66.1	67.7	68.0	68.7	68.7	68.9	68.9	68.9	68.9
≥ 9000	37.5	60.2	64.2	66.1	67.7	68.0	68.7	68.7	68.9	68.9	68.9	68.9
≥ 8000	38.2	61.5	65.5	67.6	69.2	69.6	70.3	70.3	70.5	70.5	70.5	70.5
≥ 7000	38.2	61.9	65.9	68.1	69.8	70.2	70.9	70.9	71.1	71.1	71.1	71.1
≥ 6000	38.4	62.2	66.1	68.3	70.0	70.4	71.1	71.1	71.3	71.3	71.3	71.3
≥ 5000	39.7	65.3	69.4	71.9	73.9	74.3	75.0	75.0	75.2	75.2	75.2	75.2
≥ 4500	39.8	66.1	70.2	72.7	74.6	75.0	75.7	75.7	75.9	75.9	75.9	75.9
≥ 4000	41.8	71.1	75.5	78.5	80.7	81.1	82.2	82.2	82.3	82.3	82.3	82.3
≥ 3500	43.0	73.6	78.1	81.1	83.5	83.9	85.1	85.1	85.3	85.3	85.3	85.3
≥ 3000	44.1	77.6	82.6	86.0	88.5	89.0	90.6	90.6	90.9	90.9	90.9	90.9
≥ 2500	44.7	79.2	84.4	87.8	90.4	90.9	92.7	92.7	93.1	93.1	93.1	93.1
≥ 2000	45.2	80.7	86.2	89.7	92.4	92.9	94.8	94.8	95.2	95.2	95.2	95.2
≥ 1800	45.2	80.7	86.2	89.7	92.4	92.9	94.8	94.8	95.2	95.2	95.2	95.2
≥ 1600	45.6	81.2	87.0	90.7	93.6	94.1	96.5	96.5	97.1	97.1	97.3	97.3
≥ 1400	45.6	81.2	87.0	90.7	93.6	94.2	96.6	96.7	97.3	97.3	97.5	97.5
≥ 1200	45.7	81.7	87.9	91.8	94.8	95.6	98.0	98.1	98.7	98.9	99.0	99.0
≥ 1000	45.7	81.7	87.9	91.8	94.8	95.6	98.0	98.1	98.7	98.9	99.0	99.0
≥ 900	45.7	81.7	87.9	91.8	94.8	95.6	98.0	98.1	98.7	98.9	99.0	99.0
≥ 800	45.7	81.9	88.1	91.9	95.0	95.7	98.2	98.2	98.9	99.0	99.2	99.2
≥ 700	45.7	81.9	88.1	91.9	95.0	95.7	98.2	98.2	98.9	99.0	99.2	99.2
≥ 600	45.7	81.9	88.1	91.9	95.0	95.7	98.2	98.2	98.9	99.0	99.2	99.2
≥ 500	45.7	82.0	88.4	92.3	95.5	96.2	98.6	98.7	99.4	99.7	99.9	99.9
≥ 400	45.7	82.0	88.4	92.3	95.5	96.2	98.6	98.7	99.4	99.7	99.9	99.9
≥ 300	45.7	82.0	88.4	92.3	95.5	96.2	98.6	98.7	99.4	99.7	99.9	99.9
≥ 200	45.7	82.0	88.4	92.3	95.5	96.2	98.6	98.7	99.4	99.7	99.9	99.9
≥ 100	45.7	82.0	88.4	92.3	95.5	96.2	98.6	98.7	99.4	99.7	99.9	99.9
≥ 0	45.7	82.0	88.4	92.3	95.5	96.2	98.6	98.7	99.4	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	27.7	44.7	48.2	51.1	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	27.7	44.7	48.2	51.1	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	27.7	44.7	48.2	51.1	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	27.7	44.7	48.2	51.1	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	27.7	44.7	48.2	51.1	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	27.7	44.7	48.2	51.1	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	27.7	44.7	48.2	51.1	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	29.1	48.9	52.5	56.0	59.6	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	29.1	49.7	53.2	56.7	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 7000	31.2	53.2	56.7	60.3	63.8	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	31.2	54.6	58.2	61.7	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	31.9	55.3	58.9	62.4	66.0	66.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	32.6	56.0	59.6	63.1	66.7	66.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	33.3	57.5	61.0	64.5	68.1	68.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3500	33.3	59.6	63.8	67.4	71.6	72.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	34.0	61.7	66.0	69.5	73.8	74.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	36.2	67.4	72.3	76.6	80.9	81.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	36.9	70.2	75.2	80.1	84.4	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	36.9	70.2	75.2	80.1	84.4	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	37.6	73.1	78.0	83.7	87.9	88.7	90.1	90.1	90.1	90.1	90.1	91.5	91.5
≥ 1200	37.6	73.8	78.7	84.4	88.7	90.1	91.5	91.5	91.5	91.5	91.5	92.9	92.9
≥ 1000	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 900	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 800	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 700	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 600	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 500	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 400	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 300	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 200	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
≥ 100	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2
0	37.6	76.6	81.6	87.2	92.2	93.6	95.0	95.0	95.0	95.0	95.0	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET

SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	20.6	38.3	39.0	40.4	44.0	44.7	45.4	45.4	45.4	45.4	45.4
≥ 20000	23.4	41.1	42.6	44.0	47.5	48.2	48.9	48.9	48.9	48.9	48.9
≥ 18000	23.4	41.1	42.6	44.0	47.5	48.2	48.9	48.9	48.9	48.9	48.9
≥ 16000	23.4	41.1	42.6	44.0	47.5	48.2	48.9	48.9	48.9	48.9	48.9
≥ 14000	23.4	41.1	42.6	44.0	47.5	48.2	48.9	48.9	48.9	48.9	48.9
≥ 12000	23.4	41.1	42.6	44.0	47.5	48.2	48.9	48.9	48.9	48.9	48.9
≥ 10000	24.8	43.3	44.7	47.5	51.1	51.8	52.5	52.5	52.5	52.5	52.5
≥ 9000	24.8	43.3	44.7	47.5	51.1	51.8	52.5	52.5	52.5	52.5	52.5
≥ 8000	30.5	51.1	53.2	56.0	59.6	60.3	61.0	61.0	61.0	61.0	61.0
≥ 7000	30.5	51.1	53.2	56.0	59.6	60.3	61.0	61.0	61.0	61.0	61.0
≥ 6000	30.5	52.5	54.6	57.5	61.0	61.7	62.4	62.4	62.4	62.4	62.4
≥ 5000	31.9	54.6	56.7	59.6	63.1	63.8	64.5	64.5	64.5	64.5	64.5
≥ 4500	31.9	54.6	56.7	59.6	63.1	63.8	64.5	64.5	64.5	64.5	64.5
≥ 4000	33.3	56.7	58.9	61.7	66.0	66.7	67.4	67.4	67.4	67.4	67.4
≥ 3500	34.0	59.6	61.7	65.3	69.5	70.2	70.9	70.9	70.9	70.9	70.9
≥ 3000	37.6	68.1	70.9	75.9	80.9	81.6	83.0	83.0	83.7	84.4	84.4
≥ 2500	38.3	70.2	73.1	78.0	83.0	84.4	85.8	85.8	86.5	87.2	87.2
≥ 2000	38.3	72.3	75.2	80.1	85.1	86.5	88.7	88.7	89.4	90.1	90.1
≥ 1800	38.3	72.3	75.2	80.1	85.1	86.5	88.7	88.7	89.4	90.1	90.1
≥ 1500	39.0	73.1	75.9	80.9	85.8	87.2	89.4	89.4	90.1	91.5	91.5
≥ 1200	39.0	73.8	77.3	82.3	87.2	88.7	90.8	90.8	92.2	93.6	93.6
≥ 1000	39.0	75.2	79.4	85.1	90.1	92.2	94.3	94.3	95.7	97.2	97.2
≥ 900	39.0	75.2	79.4	85.1	90.1	92.2	94.3	94.3	95.7	97.2	97.2
≥ 800	39.0	75.2	79.4	85.1	90.8	92.9	95.0	95.0	96.5	98.6	99.3
≥ 700	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0
≥ 600	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0
≥ 500	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0
≥ 400	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0
≥ 300	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0
≥ 200	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0
≥ 100	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0
0	39.0	75.2	79.4	85.1	90.8	92.9	95.7	95.7	97.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	22.0	36.9	38.3	39.7	42.6	43.3	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	22.7	39.0	40.4	42.6	45.4	46.1	46.8	46.8	46.8	46.8	46.8	46.8
≥ 18000	22.7	39.0	40.4	42.6	45.4	46.1	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000	22.7	39.0	40.4	42.6	45.4	46.1	46.8	46.8	46.8	46.8	46.8	46.8
≥ 14000	22.7	39.0	40.4	42.6	45.4	46.1	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	23.4	39.7	41.1	43.3	46.1	46.8	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	23.4	41.8	43.3	46.1	48.9	49.7	50.4	50.4	50.4	50.4	50.4	50.4
≥ 9000	23.4	41.8	43.3	46.1	48.9	49.7	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	24.8	44.7	46.1	49.7	52.5	53.2	53.9	53.9	53.9	53.9	53.9	53.9
≥ 7000	24.8	45.4	46.8	50.4	53.2	53.9	54.6	54.6	54.6	54.6	54.6	54.6
≥ 6000	24.8	46.1	47.5	51.1	53.9	54.6	55.3	55.3	55.3	55.3	55.3	55.3
≥ 5000	26.2	47.5	48.9	52.5	55.3	56.0	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4500	26.2	47.5	48.9	53.2	56.0	56.7	57.5	57.5	57.5	57.5	57.5	57.5
≥ 4000	29.1	53.2	54.6	58.9	62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3500	31.2	59.6	61.0	65.3	68.8	69.5	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3000	34.0	67.4	68.8	73.8	78.0	78.7	79.4	79.4	79.4	79.4	80.1	80.1
≥ 2500	35.5	69.5	71.6	76.6	80.9	81.6	82.3	82.3	82.3	82.3	83.0	83.0
≥ 2000	36.9	71.6	73.8	78.7	84.4	85.1	85.8	85.8	85.8	85.8	86.5	86.5
≥ 1800	36.9	71.6	73.8	78.7	84.4	85.1	85.8	85.8	85.8	85.8	86.5	86.5
≥ 1500	39.0	74.5	76.6	81.6	87.9	88.7	89.4	89.4	89.4	89.4	90.8	90.8
≥ 1200	39.0	75.2	77.3	83.0	89.4	90.8	91.5	91.5	91.5	91.5	92.9	92.9
≥ 1000	39.0	75.9	78.0	83.7	90.1	91.5	92.2	92.2	92.2	92.2	95.0	95.0
≥ 900	39.0	75.9	78.0	83.7	90.1	91.5	92.2	92.2	92.2	92.2	95.0	95.0
≥ 800	39.0	75.9	78.0	83.7	91.5	92.9	93.6	93.6	93.6	93.6	96.5	96.5
≥ 700	39.0	75.9	78.0	83.7	91.5	92.9	93.6	93.6	93.6	93.6	96.5	96.5
≥ 600	39.0	75.9	78.0	83.7	92.2	93.6	94.3	94.3	94.3	94.3	97.2	97.2
≥ 500	39.0	75.9	78.0	83.7	92.9	94.3	95.0	95.0	95.0	95.0	97.9	97.9
≥ 400	39.0	75.9	78.0	83.7	92.9	94.3	95.0	95.0	95.0	95.0	98.6	98.6
≥ 300	39.0	75.9	78.0	83.7	92.9	94.3	95.0	95.0	95.0	95.0	99.3	99.3
≥ 200	39.0	75.9	78.0	83.7	92.9	94.3	95.0	95.0	95.0	95.0	99.3	99.3
≥ 100	39.0	75.9	78.0	83.7	92.9	94.3	95.0	95.0	95.0	95.0	99.3	99.3
≥ 0	39.0	75.9	78.0	83.7	92.9	94.3	95.0	95.0	95.0	95.0	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	20.6	34.8	38.3	44.7	47.5	47.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	21.3	35.5	39.0	46.8	49.7	49.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000	21.3	35.5	39.0	46.8	49.7	49.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	21.3	35.5	39.0	46.8	49.7	49.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000	21.3	36.2	39.7	47.5	50.4	50.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000	21.3	36.2	39.7	47.5	50.4	50.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	22.0	39.0	43.3	51.1	53.9	53.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	22.0	39.0	43.3	51.1	53.9	53.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	22.0	39.7	45.4	53.9	56.7	56.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	23.4	41.8	47.5	56.0	58.9	58.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000	24.1	42.6	48.2	56.7	59.6	59.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000	25.5	46.1	51.8	60.3	63.1	63.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	26.2	47.5	53.2	61.7	64.5	64.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	26.4	47.5	53.2	61.7	64.5	64.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3500	29.8	56.7	63.8	73.1	76.6	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	29.8	56.7	63.8	73.1	76.6	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	30.5	61.0	68.8	78.7	83.7	83.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	30.5	63.1	70.9	80.9	86.5	86.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	30.5	63.1	70.9	80.9	86.5	86.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	31.2	64.5	72.3	82.3	87.9	87.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	31.2	65.3	73.1	83.0	88.7	88.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	31.2	66.0	74.5	84.4	90.1	90.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	31.2	66.0	74.5	84.4	90.1	90.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	31.2	66.7	75.2	85.1	91.5	91.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 300	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 100	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
0	31.2	66.7	75.2	85.1	92.2	92.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

FEB
MONTH

12

HOURS (L & T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	19.9	36.3	42.6	46.1	49.7	49.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	21.3	43.3	47.5	51.1	55.3	55.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	21.3	43.3	47.5	51.1	55.3	55.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	21.3	43.3	47.5	51.1	55.3	55.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	21.3	44.0	48.2	51.8	56.0	56.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	21.3	44.0	48.9	53.9	58.2	58.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	21.3	44.0	48.9	53.9	58.9	58.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	21.3	44.0	48.9	53.9	58.9	58.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	21.3	46.1	51.1	56.7	62.4	62.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	22.0	46.8	52.5	58.2	63.8	63.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	22.0	47.5	53.2	58.9	64.5	64.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	22.7	48.9	54.6	61.0	67.4	67.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4500	22.7	52.5	58.2	64.5	70.9	70.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	24.1	55.3	61.7	68.1	75.2	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	25.5	58.9	66.0	72.3	79.4	79.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	27.7	62.4	70.2	77.3	84.4	84.4	86.5	86.5	86.5	87.2	87.2	87.2	87.2
≥ 2500	27.7	63.1	70.9	78.0	85.1	85.1	87.9	87.9	87.9	88.7	88.7	88.7	88.7
≥ 2000	27.7	63.8	72.3	80.1	87.2	87.2	90.1	90.1	90.1	90.8	90.8	90.8	90.8
≥ 1800	27.7	63.8	72.3	80.1	87.9	87.9	90.8	90.8	90.8	91.5	91.5	91.5	91.5
≥ 1500	27.7	63.8	72.3	80.1	87.9	87.9	90.8	90.8	90.8	91.5	91.5	91.5	91.5
≥ 1200	27.7	63.8	72.3	80.1	87.9	87.9	90.8	90.8	90.8	91.5	91.5	91.5	91.5
≥ 1000	27.7	63.8	72.3	81.6	89.4	89.4	92.2	92.2	92.2	93.6	93.6	93.6	93.6
≥ 900	27.7	63.8	72.3	81.6	89.4	89.4	92.2	92.2	92.2	93.6	93.6	93.6	93.6
≥ 800	27.7	63.8	72.3	81.6	89.4	89.4	93.6	93.6	93.6	95.0	95.0	95.0	95.0
≥ 700	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5
≥ 600	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5
≥ 500	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5
≥ 400	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5
≥ 300	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5
≥ 200	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5
≥ 100	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5
0	27.7	63.8	72.3	81.6	90.1	90.1	94.3	94.3	94.3	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	22.7	41.8	44.7	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	24.8	44.0	48.9	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000	24.8	44.0	48.9	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	24.8	44.0	48.9	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000	24.8	44.0	49.7	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000	24.8	44.0	50.4	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	25.5	46.1	53.2	55.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	25.5	46.1	53.2	55.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	28.4	49.7	56.7	59.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 7000	29.8	51.1	58.2	61.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 6000	29.8	51.8	58.9	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 5000	30.5	53.2	60.3	63.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	30.5	53.9	61.0	63.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	34.0	59.6	66.7	69.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	35.5	63.1	70.2	73.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	37.6	68.8	77.3	81.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	37.6	69.5	78.0	82.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	37.6	69.5	79.4	83.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	37.6	69.5	79.4	83.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	37.6	70.2	80.1	84.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	37.6	70.2	80.9	85.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	37.6	70.9	81.6	85.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	37.6	70.9	81.6	85.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	37.6	70.9	81.6	85.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	37.6	70.9	81.6	85.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	37.6	70.9	81.6	85.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 500	37.6	70.9	81.6	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 400	37.6	70.9	81.6	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 300	37.6	70.9	81.6	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 200	37.6	70.9	81.6	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 100	37.6	70.9	81.6	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 0	37.6	70.9	81.6	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	22.0	43.3	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.1
≥ 20000	24.1	46.1	47.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.4
≥ 18000	24.1	46.1	47.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.4
≥ 16000	24.1	46.1	47.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.4
≥ 14000	24.8	46.8	48.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.1
≥ 12000	24.8	48.2	49.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.5
≥ 10000	25.5	49.7	51.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.6
≥ 9000	25.5	49.7	51.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.6
≥ 8000	27.0	51.8	53.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	58.2
≥ 7000	27.7	53.2	55.3	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	60.3
≥ 6000	27.7	53.2	55.3	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	60.3
≥ 5000	29.1	55.3	57.5	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.4
≥ 4500	29.8	56.0	58.2	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.1
≥ 4000	31.9	63.8	66.0	69.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.6
≥ 3500	33.3	68.8	71.6	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0
≥ 3000	35.5	75.2	78.0	83.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	88.7
≥ 2500	35.5	75.2	78.0	83.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	88.7
≥ 2000	35.5	75.9	78.7	83.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	90.8
≥ 1800	35.5	75.9	78.7	83.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	90.8
≥ 1500	35.5	78.0	80.9	85.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	93.6
≥ 1200	35.5	78.0	80.9	85.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	93.6
≥ 1000	35.5	78.0	81.6	86.5	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	95.0
≥ 900	35.5	78.0	81.6	86.5	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	95.0
≥ 800	35.5	78.0	81.6	86.5	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	96.5
≥ 700	35.5	78.0	81.6	86.5	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	97.2
≥ 600	35.5	78.7	82.3	87.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	98.6
≥ 500	35.5	78.7	82.3	87.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	99.3
≥ 400	35.5	78.7	82.3	87.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	100.0
≥ 300	35.5	78.7	82.3	87.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	100.0
≥ 200	35.5	78.7	82.3	87.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	100.0
≥ 100	35.5	78.7	82.3	87.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	100.0
≥ 0	35.5	78.7	82.3	87.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

43323
STATION

YOKUSUKA, JAPAN

STATION NAME

73-77

YEAR

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	22.0	46.8	48.9	49.7	50.4	50.4	51.1	51.1	51.1	51.1	51.1
≥ 20000	24.1	48.9	51.1	51.8	52.5	52.5	53.2	53.2	53.2	53.2	53.2
≥ 18000	24.1	48.9	51.1	51.8	52.5	52.5	53.2	53.2	53.2	53.2	53.2
≥ 16000	24.1	48.9	51.1	51.8	52.5	52.5	53.2	53.2	53.2	53.2	53.2
≥ 14000	24.1	48.9	51.1	51.8	52.5	52.5	53.2	53.2	53.2	53.2	53.2
≥ 12000	24.1	49.7	51.8	52.5	53.2	53.2	53.9	53.9	53.9	53.9	53.9
≥ 10000	25.5	53.2	55.3	56.0	56.7	56.7	57.5	57.5	57.5	57.5	57.5
≥ 9000	25.5	53.2	55.3	56.0	56.7	56.7	57.5	57.5	57.5	57.5	57.5
≥ 8000	26.4	57.5	59.6	60.3	61.0	61.0	62.4	62.4	63.1	63.1	63.1
≥ 7000	29.1	59.6	61.7	62.4	63.1	63.1	64.5	64.5	65.3	65.3	65.3
≥ 6000	29.8	60.3	62.4	63.1	63.8	63.8	65.3	65.3	66.0	66.0	66.0
≥ 5000	31.2	61.7	63.8	64.5	65.3	65.3	66.7	66.7	67.4	67.4	67.4
≥ 4500	31.9	62.4	64.5	65.3	66.0	66.0	67.4	67.4	68.1	68.1	68.1
≥ 4000	33.3	64.5	67.4	68.1	68.8	68.8	70.2	70.2	70.9	70.9	70.9
≥ 3500	34.0	66.7	69.5	70.2	70.9	70.9	72.3	72.3	73.1	73.1	73.1
≥ 3000	37.6	72.3	75.9	78.0	78.7	79.4	80.9	80.9	81.6	81.6	81.6
≥ 2500	38.3	75.2	78.7	80.9	81.6	82.3	85.1	85.1	85.8	85.8	85.8
≥ 2000	39.7	78.0	81.6	83.7	84.4	85.1	87.9	87.9	88.7	88.7	88.7
≥ 1800	39.7	78.0	81.6	83.7	84.4	85.1	87.9	87.9	88.7	88.7	88.7
≥ 1500	40.4	79.4	83.7	86.5	87.2	87.9	91.5	91.5	92.2	92.2	92.2
≥ 1200	40.4	79.4	83.7	86.5	87.2	87.9	91.5	91.5	92.2	92.2	92.2
≥ 1000	40.4	81.6	85.8	88.7	90.1	90.8	94.3	94.3	95.0	95.0	95.0
≥ 900	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 800	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 700	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 600	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 500	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 400	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 300	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 200	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
≥ 100	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7
0	40.4	82.3	86.5	89.4	90.8	91.5	95.0	95.0	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

FEB

MONTH

ALL

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	22.2	40.6	43.1	45.3	47.5	47.7	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	23.7	42.8	45.7	48.5	50.8	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	23.7	42.8	45.7	48.5	50.8	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	23.7	42.8	45.7	48.5	50.8	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	23.8	43.1	46.0	48.9	51.2	51.3	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 12000	23.9	43.5	46.6	49.7	52.0	52.1	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 10000	24.7	45.7	49.1	52.5	55.0	55.1	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	24.7	45.8	49.2	52.6	55.1	55.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	26.7	49.2	52.8	56.7	59.3	59.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 7000	27.3	50.5	54.3	58.2	60.8	61.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2
≥ 6000	27.6	51.2	54.9	58.8	61.4	61.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 5000	28.7	52.9	56.7	60.6	63.5	63.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 4500	29.1	54.0	57.7	61.8	64.7	64.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 4000	30.9	58.2	62.4	66.5	70.0	70.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5
≥ 3500	32.2	61.9	66.2	70.6	74.2	74.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 3000	34.5	67.6	72.5	77.8	81.8	82.2	83.3	83.3	83.3	83.7	83.9	84.0	84.0
≥ 2500	34.9	68.9	73.9	79.3	83.4	83.9	85.4	85.4	85.4	85.7	85.9	86.1	86.1
≥ 2000	35.4	70.6	75.9	81.4	85.8	86.3	87.9	87.9	87.9	88.4	88.6	88.8	88.8
≥ 1800	35.4	70.6	75.9	81.4	85.8	86.3	87.9	87.9	87.9	88.4	88.6	88.8	88.8
≥ 1500	36.0	72.1	77.5	83.2	87.9	88.3	90.1	90.2	90.2	90.6	91.0	91.6	91.6
≥ 1200	36.0	72.4	78.0	83.8	88.5	89.1	90.9	91.0	91.0	91.6	91.9	92.6	92.6
≥ 1000	36.0	73.5	79.3	85.4	90.3	91.0	92.7	92.8	92.8	94.0	94.4	95.2	95.2
≥ 900	36.0	73.6	79.4	85.5	90.3	91.1	92.8	92.9	92.9	94.1	94.5	95.3	95.3
≥ 800	36.0	73.7	79.5	85.6	90.9	91.6	93.5	93.7	93.7	95.0	95.8	96.9	96.9
≥ 700	36.0	73.7	79.5	85.6	91.1	91.8	93.8	94.1	94.1	95.5	96.3	97.3	97.3
≥ 600	36.0	73.8	79.6	85.6	91.3	92.0	94.2	94.4	94.4	95.8	96.6	97.7	97.7
≥ 500	36.0	73.8	79.6	85.7	91.5	92.2	94.4	94.7	94.7	96.1	97.1	98.3	98.3
≥ 400	36.0	73.8	79.6	85.7	91.5	92.2	94.4	94.6	94.6	96.3	97.3	98.8	98.8
≥ 300	36.0	73.8	79.6	85.7	91.5	92.2	94.4	94.8	94.8	96.3	97.3	98.8	98.8
≥ 200	36.0	73.8	79.6	85.7	91.5	92.2	94.4	94.8	94.8	96.3	97.3	98.8	98.8
≥ 100	36.0	73.8	79.6	85.7	91.5	92.2	94.4	94.8	94.8	96.3	97.3	98.8	98.8
0	36.0	73.8	79.6	85.7	91.5	92.2	94.4	94.8	94.8	96.3	97.3	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

1128

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YUKOSUKA, JAPAN

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR
MONTH

00
HOURS (L S Y.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	18.1	35.5	36.8	38.1	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	20.0	38.7	40.0	41.9	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	20.0	38.7	40.0	41.9	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	20.0	39.4	40.7	42.6	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000	20.0	39.4	40.7	42.6	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	20.0	40.0	41.3	43.2	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 10000	23.2	43.2	44.5	46.5	47.1	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	23.2	43.2	44.5	46.5	47.1	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	24.5	45.8	47.1	49.0	49.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	25.2	47.1	48.4	50.3	51.0	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 6000	25.2	47.1	48.4	50.3	51.0	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	27.1	51.0	52.3	54.2	54.8	54.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4500	28.4	52.9	54.2	56.1	56.8	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000	31.6	61.9	63.9	65.8	66.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3500	32.3	65.2	67.1	69.7	70.3	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000	36.1	72.3	74.8	77.4	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	38.1	76.1	78.7	81.3	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	39.4	78.1	80.7	83.2	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	39.4	78.1	80.7	83.2	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	40.0	80.7	83.2	87.1	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	40.0	80.7	83.2	87.1	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	40.0	83.2	85.8	90.3	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	40.0	83.2	85.8	90.3	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 0	40.0	83.2	86.5	91.0	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.5	31.0	34.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	15.5	32.9	36.8	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	40.7
≥ 18000	15.5	32.9	36.8	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	40.7
≥ 16000	15.5	33.6	37.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	41.3
≥ 14000	15.5	33.6	37.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	41.3
≥ 12000	15.5	33.6	37.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	41.3
≥ 10000	16.8	35.5	39.4	42.6	43.2	43.2	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5
≥ 9000	16.8	35.5	39.4	42.6	43.2	43.2	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5
≥ 8000	20.0	40.7	45.8	49.0	49.7	49.7	50.3	50.3	50.3	50.3	51.0	51.0	51.0	51.0
≥ 7000	20.7	42.6	47.7	51.0	51.6	51.6	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9
≥ 6000	20.7	42.6	47.7	51.0	51.6	51.6	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9
≥ 5000	23.2	47.7	52.9	56.1	56.8	56.8	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 4500	23.9	49.0	54.2	57.4	58.1	58.1	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4
≥ 4000	27.7	56.8	61.9	65.5	66.5	66.5	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4
≥ 3500	29.0	61.3	66.5	70.3	71.0	71.0	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 3000	32.3	66.5	72.9	76.8	77.4	77.4	78.7	78.7	78.7	78.7	79.4	79.4	80.0	80.0
≥ 2500	32.9	69.7	76.1	80.0	80.7	80.7	81.9	81.9	81.9	81.9	82.6	82.6	83.2	83.2
≥ 2000	34.2	71.0	77.4	81.3	81.9	81.9	83.9	83.9	83.9	83.9	84.5	84.5	85.2	85.2
≥ 1800	34.2	71.0	77.4	81.3	81.9	81.9	83.9	83.9	83.9	83.9	84.5	84.5	85.2	85.2
≥ 1500	34.2	74.8	81.3	85.8	86.5	87.1	89.0	89.0	89.0	89.0	89.7	89.7	90.3	90.3
≥ 1200	34.2	74.8	81.3	85.8	87.1	87.7	89.7	89.7	89.7	89.7	90.3	90.3	91.0	91.0
≥ 1000	34.8	76.8	83.9	89.0	91.0	91.6	94.2	94.8	94.8	95.5	96.1	96.1	96.8	96.8
≥ 900	34.8	76.8	83.9	89.0	91.0	91.6	94.2	94.8	94.8	95.5	96.1	96.1	96.8	96.8
≥ 800	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.1	96.1	96.8	97.4	97.4	98.1	98.1
≥ 700	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7
≥ 600	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7
≥ 500	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7
≥ 400	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7
≥ 300	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7
≥ 200	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7
≥ 100	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7
0	34.8	76.8	83.9	89.0	92.3	92.9	95.5	96.8	96.8	97.4	98.1	98.1	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR

MONTH

06

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.5	27.7	33.6	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	16.8	31.6	37.4	40.0	41.3	41.3	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9
≥ 18000	16.8	31.6	37.4	40.0	41.3	41.3	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9
≥ 16000	16.8	31.6	37.4	40.0	41.3	41.3	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9
≥ 14000	16.8	31.6	37.4	40.0	41.3	41.3	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9
≥ 12000	16.8	31.6	37.4	40.0	41.3	41.3	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9
≥ 10000	16.8	32.3	38.7	41.9	43.2	43.2	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9
≥ 9000	17.4	33.6	40.0	43.2	44.5	44.5	44.5	44.5	44.5	45.2	45.2	45.2	45.2	45.2
≥ 8000	18.7	35.5	43.2	46.5	48.4	48.4	48.4	48.4	48.4	49.0	49.0	49.0	49.0	49.0
≥ 7000	18.7	36.1	43.9	47.1	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7
≥ 6000	18.7	36.1	43.9	47.1	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7
≥ 5000	19.4	37.4	45.2	49.0	51.0	51.0	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6
≥ 4500	20.0	39.4	47.1	51.0	52.9	52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6	53.6
≥ 4000	22.6	46.5	54.8	58.7	60.7	60.7	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9
≥ 3500	25.2	49.7	58.1	62.6	65.2	65.2	65.8	65.8	65.8	67.1	67.1	67.1	67.1	67.1
≥ 3000	29.0	58.7	69.0	73.6	76.8	76.8	78.1	78.1	78.1	79.4	79.4	80.0	80.0	80.0
≥ 2500	30.3	61.3	71.6	75.1	79.4	79.4	80.7	80.7	80.7	81.9	81.9	82.6	82.6	82.6
≥ 2000	31.0	63.2	73.6	79.4	82.6	82.6	84.5	84.5	84.5	85.8	85.8	87.1	87.1	87.1
≥ 1800	31.0	63.2	73.6	79.4	82.6	82.6	84.5	84.5	84.5	85.8	85.8	87.1	87.1	87.1
≥ 1500	31.0	65.8	76.1	81.9	85.2	85.2	87.7	87.7	87.7	89.0	89.0	90.3	90.3	90.3
≥ 1200	31.0	65.8	76.1	81.9	85.2	85.2	87.7	87.7	87.7	89.0	89.0	90.3	90.3	90.3
≥ 1000	31.0	65.8	76.8	82.6	86.5	86.5	89.7	90.3	90.3	91.6	91.6	92.9	92.9	92.9
≥ 900	31.0	65.8	76.8	82.6	86.5	86.5	89.7	90.3	90.3	91.6	91.6	92.9	92.9	92.9
≥ 800	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	96.1	96.1	96.1
≥ 700	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	96.8	96.8	96.8
≥ 600	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	97.4	97.4	97.4
≥ 500	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	98.7	98.7	98.7
≥ 400	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	99.4	99.4	99.4
≥ 300	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	100.0	100.0	100.0
≥ 200	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	100.0	100.0	100.0
≥ 100	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	100.0	100.0	100.0
0	31.0	65.8	77.4	83.2	88.4	88.4	92.9	93.6	93.6	94.8	94.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAR
MONTH

09

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	14.8	27.7	31.0	33.6	38.7	39.4	39.4	39.4	39.4	40.0	40.0	40.0	40.0
≥ 20000	15.5	29.7	33.6	36.1	41.3	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6
≥ 18000	15.5	29.7	33.6	36.1	41.3	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6
≥ 16000	15.5	29.7	33.6	36.1	41.3	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6
≥ 14000	15.5	29.7	33.6	36.1	41.3	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6
≥ 12000	15.5	29.7	33.6	36.8	41.9	42.6	42.6	42.6	42.6	43.2	43.2	43.2	43.2
≥ 10000	16.1	32.9	36.8	40.0	45.2	46.5	46.5	46.5	46.5	47.7	47.7	47.7	47.7
≥ 9000	16.1	32.9	36.8	40.0	45.2	46.5	46.5	46.5	46.5	47.7	47.7	47.7	47.7
≥ 8000	17.4	34.8	40.0	43.2	49.0	50.3	50.3	50.3	50.3	51.6	51.6	51.6	51.6
≥ 7000	18.1	35.5	40.7	43.9	49.7	51.0	51.0	51.0	51.0	52.3	52.3	52.3	52.3
≥ 6000	18.1	35.5	40.7	44.5	50.3	51.6	51.6	51.6	51.6	52.9	52.9	52.9	52.9
≥ 5000	19.4	39.4	45.2	49.7	55.5	56.8	57.4	57.4	57.4	58.7	58.7	58.7	58.7
≥ 4500	19.4	40.0	45.8	50.3	56.1	57.4	58.1	58.1	58.1	59.4	59.4	59.4	59.4
≥ 4000	21.9	45.8	52.9	58.7	64.5	65.8	66.5	66.5	66.5	67.7	67.7	67.7	67.7
≥ 3500	23.9	50.3	58.7	64.5	71.0	72.3	73.6	73.6	73.6	74.8	74.8	74.8	74.8
≥ 3000	25.8	55.5	64.5	71.0	77.4	78.7	80.7	80.7	80.7	81.9	81.9	81.9	81.9
≥ 2500	25.8	56.1	65.8	72.9	79.4	80.7	82.6	82.6	82.6	83.9	83.9	83.9	83.9
≥ 2000	25.8	58.1	67.7	74.8	81.3	82.6	84.5	84.5	84.5	85.8	85.8	85.8	85.8
≥ 1800	25.8	58.1	67.7	74.8	81.3	82.6	84.5	84.5	84.5	85.8	85.8	85.8	85.8
≥ 1500	25.8	58.1	67.7	76.8	83.2	84.5	86.5	86.5	86.5	88.4	88.4	88.4	88.4
≥ 1200	25.8	58.1	67.7	76.8	83.2	84.5	86.5	86.5	86.5	88.4	88.4	88.4	88.4
≥ 1000	26.5	58.7	69.0	78.7	85.8	87.1	89.0	89.0	89.0	91.0	91.0	91.0	91.0
≥ 900	26.5	58.7	69.0	78.7	85.8	87.1	89.0	89.0	89.0	91.0	91.0	91.0	91.0
≥ 800	26.5	58.7	69.0	79.4	86.5	87.7	90.3	90.3	90.3	92.3	92.3	92.3	92.3
≥ 700	26.5	58.7	69.0	79.4	86.5	87.7	90.3	90.3	90.3	92.3	92.3	92.3	92.3
≥ 600	26.5	58.7	69.7	80.0	87.1	88.4	91.0	91.0	91.0	92.9	92.9	92.9	92.9
≥ 500	26.5	58.7	69.7	80.0	87.1	88.4	91.0	91.0	91.0	92.9	92.9	92.9	92.9
≥ 400	26.5	58.7	69.7	80.0	87.1	88.4	91.0	91.0	91.0	92.9	92.9	92.9	92.9
≥ 300	26.5	58.7	69.7	80.0	87.7	89.7	92.3	92.3	92.3	96.8	96.8	96.8	96.8
≥ 200	26.5	58.7	69.7	80.0	87.7	89.7	92.3	92.3	92.3	96.8	96.8	96.8	96.8
≥ 100	26.5	58.7	69.7	80.0	87.7	89.7	92.3	92.3	92.3	96.8	96.8	96.8	96.8
0	26.5	58.7	69.7	80.0	87.7	89.7	92.3	92.3	92.3	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	14.8	31.0	35.5	39.4	40.0	40.0	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	15.5	33.6	38.1	43.2	43.9	44.5	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	15.5	33.6	38.1	43.2	43.9	44.5	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	15.5	33.6	38.1	43.2	43.9	44.5	45.8	45.8	45.8	45.8	45.8	45.8
≥ 14000	16.1	34.2	38.7	43.9	44.5	45.2	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	16.1	35.5	40.0	45.2	45.8	46.5	47.7	47.7	47.7	47.7	48.4	48.4
≥ 10000	16.8	38.1	44.5	49.7	50.3	51.0	52.3	52.3	52.3	52.3	52.9	52.9
≥ 9000	16.8	38.1	44.5	49.7	50.3	51.0	52.3	52.3	52.3	52.3	52.9	52.9
≥ 8000	17.4	40.7	48.4	53.6	54.8	55.5	57.4	57.4	57.4	58.1	58.1	58.1
≥ 7000	17.4	41.9	50.3	56.1	57.4	58.1	60.0	60.0	60.0	60.7	60.7	60.7
≥ 6000	17.4	41.9	50.3	56.1	57.4	58.1	60.0	60.0	60.0	60.7	60.7	60.7
≥ 5000	17.4	42.6	51.6	57.4	58.7	59.4	61.3	61.3	61.3	61.9	62.6	62.6
≥ 4500	18.7	45.2	54.2	60.7	61.9	62.6	64.5	64.5	64.5	65.2	65.8	65.8
≥ 4000	20.7	49.7	59.4	65.8	67.1	67.7	71.6	71.6	71.6	72.3	72.9	72.9
≥ 3500	21.3	51.6	62.6	69.7	71.0	71.6	76.8	76.8	76.8	77.4	78.1	78.1
≥ 3000	21.9	56.1	69.0	76.1	77.4	78.1	83.2	83.2	83.2	84.5	85.2	85.2
≥ 2500	21.9	56.1	69.7	76.8	78.1	78.7	84.5	84.5	84.5	85.8	86.5	86.5
≥ 2000	21.9	57.4	71.0	78.1	79.4	80.0	85.8	85.8	85.8	87.1	87.7	87.7
≥ 1800	21.9	57.4	71.0	78.1	79.4	80.0	85.8	85.8	85.8	87.1	87.7	87.7
≥ 1500	21.9	58.1	71.6	78.7	80.0	80.7	87.1	87.7	87.7	89.7	90.3	90.3
≥ 1200	21.9	58.1	71.6	78.7	80.0	80.7	87.1	87.7	87.7	89.7	90.3	90.3
≥ 1000	21.9	58.7	72.3	79.4	81.9	82.6	89.7	91.0	91.0	92.9	93.6	93.6
≥ 900	21.9	58.7	72.3	79.4	81.9	82.6	89.7	91.0	91.0	92.9	93.6	93.6
≥ 800	21.9	59.4	73.6	80.7	83.2	83.9	91.6	93.6	93.6	95.5	96.1	96.1
≥ 700	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.2	96.1	96.8	96.8
≥ 600	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.2	96.1	96.8	96.8
≥ 500	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.2	96.1	96.8	96.8
≥ 400	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.8	96.8	97.4	97.4
≥ 300	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.8	97.4	98.1	98.1
≥ 200	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.8	97.4	98.1	98.1
≥ 100	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.8	97.4	98.1	98.1
0	21.9	59.4	73.6	80.7	83.2	83.9	91.6	94.2	94.8	97.4	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323

YOKOSUKA, JAPAN

73-77

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	14.2	36.1	36.1	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	16.1	43.2	43.9	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	16.1	43.2	43.9	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	16.1	43.2	43.9	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	16.8	44.5	45.2	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	17.4	45.8	47.1	49.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	18.1	50.3	52.9	54.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	18.1	50.3	52.9	54.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	18.7	51.0	54.2	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	18.7	51.0	54.8	56.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	18.7	51.0	54.8	56.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	19.4	52.9	56.8	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	19.4	54.8	58.7	60.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	21.3	60.0	65.2	67.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	22.6	63.2	69.0	71.6	74.8	74.8	75.5	75.5	75.5	75.5	75.5	76.1	76.1
≥ 3000	22.6	69.0	76.1	80.0	84.5	84.5	85.8	86.5	87.1	87.1	87.1	87.7	87.7
≥ 2500	22.6	69.0	76.8	80.7	85.2	85.2	86.5	87.1	87.1	87.1	87.7	88.4	88.4
≥ 2000	22.6	69.7	77.4	81.3	86.5	86.5	88.4	89.0	89.0	89.7	89.7	90.3	90.3
≥ 1800	22.6	69.7	77.4	81.3	86.5	86.5	88.4	89.0	89.0	89.7	89.7	90.3	90.3
≥ 1500	22.6	69.7	77.4	81.3	86.5	86.5	88.4	89.0	89.0	89.7	89.7	90.3	90.3
≥ 1200	22.6	69.7	77.4	81.3	87.1	87.1	89.0	89.7	89.7	90.3	90.3	91.0	91.0
≥ 1000	22.6	69.7	78.1	81.9	89.0	89.0	91.0	92.3	92.3	92.9	92.9	94.2	94.2
≥ 900	22.6	69.7	78.1	81.9	89.0	89.0	91.0	92.3	92.3	92.9	92.9	94.2	94.2
≥ 800	22.6	69.7	78.7	82.6	89.7	89.7	91.6	93.6	93.6	94.2	94.2	95.5	95.5
≥ 700	22.6	69.7	78.7	82.6	89.7	89.7	91.6	94.2	94.2	94.8	94.8	96.1	96.1
≥ 600	22.6	69.7	78.7	82.6	90.3	90.3	92.3	94.8	94.8	95.5	95.5	96.8	96.8
≥ 500	22.6	69.7	78.7	83.2	91.0	91.0	92.9	95.5	95.5	96.1	96.1	98.1	98.1
≥ 400	22.6	69.7	78.7	83.2	91.0	91.0	92.9	95.5	95.5	96.1	96.1	98.1	98.1
≥ 300	22.6	69.7	78.7	83.2	91.6	91.6	93.6	96.1	96.1	96.8	97.4	100.0	100.0
≥ 200	22.6	69.7	78.7	83.2	91.6	91.6	93.6	96.1	96.1	96.8	97.4	100.0	100.0
≥ 100	22.6	69.7	78.7	83.2	91.6	91.6	93.6	96.1	96.1	96.8	97.4	100.0	100.0
0	22.6	69.7	78.7	83.2	91.6	91.6	93.6	96.1	96.1	96.8	97.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

1209490181

2225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR
MONTH

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	10.3	32.3	35.5	36.1	38.7	38.7	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	11.0	35.5	38.7	39.4	41.9	41.9	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	11.0	35.5	38.7	39.4	41.9	41.9	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	11.0	36.1	39.4	40.0	42.6	42.6	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000	11.0	36.8	40.0	40.7	43.2	43.2	44.5	44.5	44.5	44.5	44.5	44.5
≥ 12000	12.9	40.0	43.9	44.5	47.1	47.1	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	14.8	43.9	48.4	49.0	51.6	51.6	52.9	52.9	52.9	52.9	52.9	52.9
≥ 9000	14.8	43.9	48.4	49.0	51.6	51.6	52.9	52.9	52.9	52.9	52.9	52.9
≥ 8000	16.1	46.5	51.0	51.6	54.2	54.2	55.5	55.5	55.5	55.5	55.5	55.5
≥ 7000	16.1	46.5	51.0	51.6	54.2	54.2	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	16.1	47.1	52.3	52.9	55.5	55.5	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	16.1	49.7	55.5	56.1	58.7	58.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	16.1	51.6	57.4	58.1	60.7	60.7	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	18.7	56.8	63.2	64.5	67.1	67.1	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	20.0	61.9	68.4	70.3	72.9	72.9	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	21.9	68.4	76.1	78.7	81.3	81.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	21.9	70.3	78.1	80.7	83.2	83.2	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 600	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 500	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 400	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 300	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 200	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 100	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 0	21.9	71.0	78.7	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	18.7	35.5	36.8	39.4	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	20.0	38.7	40.0	43.2	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	20.0	38.7	40.0	43.2	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5
≥ 16000	20.0	38.7	40.0	43.2	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5
≥ 14000	20.0	38.7	40.0	43.2	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5
≥ 12000	20.7	40.7	41.9	45.2	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	21.9	41.9	43.2	46.5	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 9000	21.9	41.9	43.2	46.5	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	23.9	45.8	47.1	50.3	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6
≥ 7000	23.9	45.8	47.1	51.0	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3
≥ 6000	23.9	45.8	47.1	51.0	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	23.9	46.5	47.7	51.6	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9
≥ 4500	23.9	47.1	48.4	52.3	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4000	27.7	53.6	54.8	58.7	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3500	29.7	60.7	61.9	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	31.6	68.4	70.3	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	32.3	71.0	72.9	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	34.2	76.1	78.1	82.6	83.9	83.9	85.8	85.8	86.5	86.5	87.1	87.1
≥ 1800	34.2	76.1	78.1	82.6	83.9	83.9	85.8	85.8	86.5	86.5	87.1	87.1
≥ 1500	34.8	78.7	80.7	85.2	86.5	86.5	88.4	89.0	89.7	89.7	90.3	90.3
≥ 1200	34.8	78.7	80.7	85.2	86.5	86.5	88.4	89.0	89.7	89.7	90.3	90.3
≥ 1000	34.8	80.7	83.2	87.7	89.0	89.0	91.0	92.3	92.9	92.9	93.6	93.6
≥ 900	34.8	80.7	83.2	87.7	89.0	89.0	91.0	92.3	92.9	92.9	93.6	93.6
≥ 800	34.8	80.7	83.2	88.4	89.7	89.7	91.6	93.6	94.2	94.2	94.8	94.8
≥ 700	34.8	80.7	83.2	88.4	89.7	89.7	92.3	94.2	94.8	94.8	95.5	95.5
≥ 600	34.8	80.7	83.2	88.4	89.7	89.7	92.3	94.2	94.8	94.8	95.5	95.5
≥ 500	34.8	80.7	83.2	88.4	89.7	89.7	92.3	94.2	95.5	95.5	96.8	96.8
≥ 400	34.8	80.7	83.2	88.4	89.7	89.7	92.3	94.8	96.1	96.1	97.4	97.4
≥ 300	34.8	80.7	83.2	88.4	90.3	90.3	92.9	95.5	96.8	96.8	98.7	98.7
≥ 200	34.8	80.7	83.2	88.4	90.3	90.3	92.9	95.5	96.8	96.8	98.7	98.7
≥ 100	34.8	80.7	83.2	88.4	90.3	90.3	92.9	95.5	96.8	96.8	98.7	98.7
0	34.8	80.7	83.2	88.4	90.3	90.3	92.9	95.5	96.8	96.8	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

AD-A062 045 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). YOKOSUK--ETC(U)
JUL 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). YOKOSUK--ETC(U)
JUL 78

F/G 4/2

NL

3 OF 4
ADA
062045

ADA
062045

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323

YOKUSUKA, JAPAN

73-77

MAR

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	15.2	32.1	35.0	37.0	38.7	38.8	39.3	39.3	39.3	39.4	39.4	39.4
≥ 20000	16.3	35.5	38.6	41.1	42.8	43.0	43.5	43.5	43.5	43.6	43.7	43.7
≥ 18000	16.3	35.5	38.6	41.1	42.8	43.0	43.5	43.5	43.5	43.6	43.7	43.7
≥ 16000	16.3	35.7	38.8	41.4	43.1	43.2	43.7	43.7	43.7	43.9	44.0	44.0
≥ 14000	16.5	36.1	39.1	41.7	43.4	43.6	44.0	44.0	44.0	44.2	44.3	44.3
≥ 12000	16.9	37.1	40.3	43.0	44.7	44.8	45.3	45.3	45.3	45.5	45.7	45.7
≥ 10000	18.1	39.8	43.6	46.4	48.1	48.3	49.0	49.0	49.0	49.2	49.4	49.4
≥ 9000	18.2	39.9	43.7	46.5	48.2	48.5	49.1	49.1	49.1	49.4	49.5	49.5
≥ 8000	19.6	42.6	47.1	49.9	51.9	52.1	52.8	52.8	52.8	53.1	53.2	53.2
≥ 7000	19.8	43.3	48.1	51.1	53.0	53.2	54.0	54.0	54.0	54.3	54.4	54.4
≥ 6000	19.8	43.4	48.2	51.2	53.2	53.4	54.2	54.2	54.2	54.4	54.6	54.6
≥ 5000	20.7	45.9	50.9	54.1	56.1	56.4	57.3	57.3	57.3	57.6	57.7	57.7
≥ 4500	21.2	47.5	52.5	55.8	57.6	58.1	59.0	59.0	59.0	59.3	59.4	59.4
≥ 4000	24.0	53.9	59.5	63.2	65.2	65.5	66.9	66.9	66.9	67.2	67.3	67.3
≥ 3500	25.5	58.0	64.0	68.1	70.3	70.6	72.3	72.3	72.3	72.7	72.9	73.2
≥ 3000	27.7	64.4	71.6	76.0	78.5	78.7	80.7	80.8	80.8	81.5	81.6	82.1
≥ 2500	28.2	66.2	73.7	78.2	80.7	80.9	83.0	83.1	83.1	83.7	83.9	84.4
≥ 2000	28.9	68.1	75.6	80.3	83.2	83.4	85.9	86.0	86.0	86.8	86.9	87.6
≥ 1800	28.9	68.1	75.6	80.3	83.2	83.4	85.9	86.0	86.0	86.8	86.9	87.6
≥ 1500	29.0	69.6	77.1	82.3	85.1	85.4	88.1	88.3	88.3	89.4	89.5	90.2
≥ 1200	29.0	69.6	77.1	82.3	85.2	85.6	88.2	88.5	88.5	89.5	89.7	90.3
≥ 1000	29.2	70.7	78.6	84.0	87.5	87.8	90.7	91.5	91.5	92.7	93.0	94.0
≥ 900	29.2	70.7	78.6	84.0	87.5	87.8	90.7	91.5	91.5	92.7	93.0	94.0
≥ 800	29.2	70.7	79.0	84.6	88.6	88.9	92.1	93.2	93.2	94.6	94.9	95.9
≥ 700	29.2	70.7	79.0	84.6	88.6	88.9	92.2	93.6	93.6	95.1	95.5	96.5
≥ 600	29.2	70.7	79.1	84.7	88.7	89.1	92.4	94.0	94.0	95.4	95.8	96.9
≥ 500	29.2	70.7	79.1	84.8	89.0	89.4	92.7	94.3	94.3	96.1	96.5	97.8
≥ 400	29.2	70.7	79.1	84.8	89.0	89.5	92.8	94.5	94.5	96.5	97.2	98.7
≥ 300	29.2	70.7	79.1	84.8	89.3	89.8	93.1	94.8	94.8	96.9	97.7	99.6
≥ 200	29.2	70.7	79.1	84.8	89.3	89.8	93.1	94.8	94.8	96.9	97.7	99.8
≥ 100	29.2	70.7	79.1	84.8	89.3	89.8	93.1	94.8	94.8	96.9	97.7	99.8
≥ 0	29.2	70.7	79.1	84.8	89.3	89.8	93.1	94.8	94.8	96.9	97.7	99.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATIONYOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

APR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.0	20.7	21.3	22.7	22.7	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 20000	10.7	27.3	28.0	29.3	29.3	29.3	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 18000	10.7	27.3	28.0	29.3	29.3	29.3	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 16000	10.7	27.3	28.0	29.3	29.3	29.3	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 14000	10.7	28.0	28.7	30.0	30.0	30.0	30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 12000	11.3	29.3	30.0	31.3	31.3	31.3	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 10000	12.7	32.0	32.7	34.0	34.0	34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 9000	12.7	32.0	32.7	34.0	34.0	34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 8000	14.0	36.0	37.3	39.3	39.3	39.3	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 7000	14.7	39.3	40.7	42.7	42.7	42.7	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 6000	14.7	40.7	42.0	44.0	44.0	44.0	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 5000	14.7	42.0	43.3	45.3	45.3	45.3	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 4500	14.7	42.7	44.0	46.0	46.0	46.7	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 4000	16.7	52.0	53.3	55.3	56.0	56.0	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 3500	18.0	57.3	58.7	60.7	62.0	62.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3000	19.3	64.0	66.0	70.0	71.3	71.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	19.3	69.3	72.0	76.0	78.0	78.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	19.3	70.7	73.3	78.0	81.3	81.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	19.3	70.7	73.3	78.0	81.3	81.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	19.3	72.7	75.3	81.3	86.0	86.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	19.3	72.7	75.3	82.0	86.7	86.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	19.3	74.0	76.7	83.3	88.7	88.7	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0
≥ 900	19.3	74.0	76.7	83.3	88.7	88.7	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0
≥ 800	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3
≥ 700	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3
≥ 600	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	96.0	96.0	96.0
≥ 500	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	97.3	97.3	97.3
≥ 400	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	98.0	98.0	98.0
≥ 300	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	98.0	98.0	98.0
≥ 200	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	98.7	98.7	99.3
≥ 100	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	98.7	98.7	99.3
0	19.3	74.0	77.3	84.0	89.3	89.3	93.3	94.7	94.7	95.3	95.3	98.7	98.7	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	5.3	22.0	25.3	27.3	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 20000	8.7	28.0	31.3	33.3	34.7	34.7	34.7	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	8.7	28.0	31.3	33.3	34.7	34.7	34.7	36.0	36.0	36.0	36.0	36.0	36.0
≥ 16000	8.7	28.0	31.3	33.3	34.7	34.7	34.7	36.0	36.0	36.0	36.0	36.0	36.0
≥ 14000	8.7	28.0	31.3	33.3	34.7	34.7	34.7	36.0	36.0	36.0	36.0	36.0	36.0
≥ 12000	8.7	28.0	31.3	33.3	34.7	34.7	34.7	36.0	36.0	36.0	36.0	36.0	36.0
≥ 10000	10.7	31.3	34.7	36.7	38.0	38.0	38.0	39.3	39.3	39.3	39.3	39.3	39.3
≥ 9000	10.7	31.3	34.7	36.7	38.0	38.0	38.0	39.3	39.3	39.3	39.3	39.3	39.3
≥ 8000	12.0	34.7	38.0	40.0	41.3	41.3	41.3	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	12.0	36.0	39.3	41.3	42.7	42.7	42.7	44.0	44.0	44.0	44.0	44.0	44.0
≥ 6000	12.7	38.0	41.3	43.3	44.7	44.7	44.7	46.0	46.0	46.0	46.0	46.0	46.0
≥ 5000	13.3	42.0	45.3	47.3	48.7	48.7	48.7	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4500	13.3	42.7	46.0	48.0	49.3	49.3	49.3	50.7	50.7	50.7	50.7	50.7	50.7
≥ 4000	14.7	49.3	52.7	54.7	56.0	56.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3
≥ 3500	16.7	54.0	58.0	60.0	62.0	62.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3000	17.3	60.0	65.3	67.3	70.7	71.3	72.0	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	17.3	60.0	66.0	68.0	71.3	72.0	72.7	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2000	18.7	63.3	70.0	73.3	78.7	79.3	81.3	82.7	82.7	83.3	84.0	84.0	84.0
≥ 1800	18.7	63.3	70.0	73.3	78.7	79.3	81.3	82.7	82.7	84.0	84.7	84.7	84.7
≥ 1500	18.7	65.3	72.0	76.0	82.0	82.7	84.7	86.0	86.0	88.7	89.3	89.3	89.3
≥ 1200	18.7	65.3	72.0	76.0	82.7	83.3	85.3	86.7	86.7	89.3	90.0	90.0	90.0
≥ 1000	18.7	66.0	73.3	78.0	86.0	86.7	89.3	90.7	90.7	93.3	94.0	94.7	94.7
≥ 900	18.7	66.0	73.3	78.0	86.0	86.7	89.3	90.7	90.7	93.3	94.0	94.7	94.7
≥ 800	18.7	66.7	74.0	78.7	86.7	87.3	90.0	92.0	92.0	94.7	95.3	96.0	96.0
≥ 700	18.7	66.7	74.0	78.7	86.7	87.3	90.0	92.0	92.0	94.7	95.3	96.0	96.0
≥ 600	18.7	67.3	74.7	80.0	88.0	88.7	91.3	93.3	93.3	96.0	96.7	97.3	97.3
≥ 500	18.7	67.3	74.7	80.0	88.0	88.7	91.3	93.3	93.3	96.7	97.3	98.0	98.0
≥ 400	18.7	67.3	74.7	80.0	88.0	88.7	91.3	93.3	93.3	96.7	97.3	98.0	98.0
≥ 300	18.7	67.3	74.7	80.0	88.0	88.7	91.3	93.3	93.3	96.7	97.3	98.0	98.0
≥ 200	18.7	67.3	74.7	80.0	88.0	88.7	91.3	93.3	93.3	96.7	97.3	98.0	98.0
≥ 100	18.7	67.3	74.7	80.0	88.0	88.7	91.3	93.3	93.3	96.7	97.3	98.0	98.0
0	18.7	67.3	74.7	80.0	88.0	88.7	91.3	93.3	93.3	96.7	97.3	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YUKDSUKA, JAPAN

STATION NAME

73-77

YEARS

APR

MONTH

06

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.0	18.7	21.3	25.3	28.0	28.0	28.7	29.3	29.3	30.0	30.0	30.0	30.0
≥ 20000	4.7	23.3	26.0	30.0	32.7	32.7	33.3	34.0	34.0	34.7	34.7	34.7	34.7
≥ 18000	4.7	23.3	26.0	30.0	32.7	32.7	33.3	34.0	34.0	34.7	34.7	34.7	34.7
≥ 16000	4.7	23.3	26.0	30.0	32.7	32.7	33.3	34.0	34.0	34.7	34.7	34.7	34.7
≥ 14000	4.7	23.3	26.0	30.0	32.7	32.7	33.3	34.0	34.0	34.7	34.7	34.7	34.7
≥ 12000	5.3	24.7	27.3	31.3	34.0	34.0	34.7	35.3	35.3	36.0	36.0	36.0	36.0
≥ 10000	6.7	28.0	30.7	36.0	38.7	39.3	40.0	40.7	40.7	41.3	41.3	41.3	41.3
≥ 8000	6.7	28.0	30.7	36.0	38.7	39.3	40.0	40.7	40.7	41.3	41.3	41.3	41.3
≥ 7000	6.7	30.0	33.3	39.3	42.7	43.3	44.0	44.7	44.7	45.3	45.3	45.3	45.3
≥ 6000	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 5000	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 4500	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 4000	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 3500	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 3000	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 2500	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 2000	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 1800	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 1500	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 1200	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 1000	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 900	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 800	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 700	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 600	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 500	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 400	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 300	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 200	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 100	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7
≥ 0	7.3	31.3	34.7	40.7	44.0	44.7	45.3	46.0	46.0	46.7	46.7	46.7	46.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

09
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.7	18.7	24.7	28.7	32.7	32.7	32.7	33.3	33.3	34.0	34.0	34.7	34.7	35.3
≥ 20000	4.0	22.0	28.0	32.0	37.3	37.3	37.3	38.0	38.0	39.3	39.3	40.0	40.0	40.7
≥ 18000	4.0	22.0	28.0	32.0	37.3	37.3	37.3	38.0	38.0	39.3	39.3	40.0	40.0	40.7
≥ 16000	4.0	22.0	28.0	32.0	37.3	37.3	37.3	38.0	38.0	39.3	39.3	40.0	40.0	40.7
≥ 14000	4.0	22.7	28.7	32.7	38.0	38.0	38.0	38.7	38.7	40.0	40.0	40.7	40.7	41.3
≥ 12000	4.0	22.7	28.7	32.7	38.0	38.0	38.0	38.7	38.7	40.0	40.0	40.7	40.7	41.3
≥ 10000	5.3	26.0	32.7	38.0	43.3	43.3	44.7	44.7	44.7	46.0	46.0	46.7	46.7	47.3
≥ 9000	6.0	26.7	33.3	38.7	44.0	44.0	45.3	45.3	45.3	46.7	46.7	47.3	47.3	48.0
≥ 8000	6.0	30.0	36.7	42.7	48.7	48.7	50.0	50.0	50.0	51.3	51.3	52.0	52.0	52.7
≥ 7000	6.0	31.3	38.0	44.0	50.0	50.0	51.3	51.3	51.3	52.7	52.7	53.3	53.3	54.0
≥ 6000	6.0	31.3	38.0	44.0	50.0	50.0	51.3	51.3	51.3	52.7	52.7	53.3	53.3	54.0
≥ 5000	6.0	32.7	39.3	45.3	51.3	51.3	52.7	52.7	52.7	54.0	54.0	54.7	54.7	55.3
≥ 4500	6.0	34.0	40.7	46.7	52.7	52.7	54.0	54.7	54.7	56.0	56.0	56.7	56.7	57.3
≥ 4000	6.0	37.3	46.0	52.7	58.7	58.7	60.7	61.3	61.3	62.7	62.7	63.3	63.3	64.0
≥ 3500	6.0	38.7	49.3	56.7	64.0	64.0	66.0	66.7	66.7	68.0	68.0	68.7	68.7	69.3
≥ 3000	6.0	44.7	56.0	64.0	72.0	72.0	74.0	74.7	74.7	76.0	76.0	76.7	76.7	77.3
≥ 2500	6.0	44.7	58.0	67.3	75.3	75.3	77.3	78.7	78.7	80.0	80.0	80.7	80.7	81.3
≥ 2000	6.0	46.7	61.3	70.7	79.3	79.3	81.3	83.3	83.3	84.7	84.7	85.3	85.3	86.0
≥ 1800	6.0	46.7	61.3	70.7	79.3	79.3	81.3	83.3	83.3	84.7	84.7	85.3	85.3	86.0
≥ 1500	6.0	48.0	64.0	73.3	83.3	83.3	85.3	87.3	87.3	89.3	89.3	90.0	90.0	90.7
≥ 1200	6.0	48.0	64.0	74.0	84.0	84.0	86.0	88.0	88.0	90.7	90.7	91.3	91.3	92.0
≥ 1000	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 900	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 800	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 700	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 600	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 500	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 400	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 300	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 200	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
≥ 100	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3
0	6.0	48.7	66.0	76.0	88.0	88.0	90.7	93.3	93.3	96.0	96.0	96.7	96.7	97.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET

SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	6.0	22.7	32.0	31.3	34.0	34.0	34.0	34.7	34.7	34.7	34.7	34.7
≥ 20000	7.3	31.3	42.0	44.0	44.7	44.7	44.7	45.3	45.3	45.3	45.3	45.3
≥ 18000	7.3	31.3	42.0	44.0	44.7	44.7	44.7	45.3	45.3	45.3	45.3	45.3
≥ 16000	7.3	32.0	42.7	44.7	45.3	45.3	45.3	46.0	46.0	46.0	46.0	46.0
≥ 14000	7.3	32.0	42.7	44.7	45.3	45.3	45.3	46.0	46.0	46.0	46.0	46.0
≥ 12000	8.0	32.7	44.0	46.0	46.7	46.7	46.7	47.3	47.3	47.3	47.3	47.3
≥ 10000	8.7	39.3	52.0	54.7	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3
≥ 9000	8.7	39.3	52.0	54.7	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3
≥ 8000	10.0	43.3	58.0	60.7	62.7	62.7	62.7	63.3	63.3	63.3	63.3	63.3
≥ 7000	10.0	43.3	58.0	60.7	62.7	62.7	62.7	63.3	63.3	63.3	63.3	63.3
≥ 6000	10.0	43.3	58.7	61.3	63.3	63.3	63.3	64.0	64.0	64.0	64.0	64.0
≥ 5000	10.0	44.0	59.3	62.7	65.3	65.3	65.3	66.7	66.7	66.7	66.7	66.7
≥ 4500	10.0	45.3	60.7	64.0	66.7	66.7	66.7	68.0	68.0	68.0	68.0	68.0
≥ 4000	10.7	49.3	66.7	70.0	72.7	72.7	72.7	74.0	74.0	74.0	74.0	74.0
≥ 3500	10.7	49.3	67.3	70.7	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	12.0	51.3	70.7	74.0	78.7	78.7	78.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	12.0	52.0	72.7	77.3	82.0	82.7	82.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	12.0	53.3	74.0	79.3	84.0	84.7	84.7	88.0	88.0	88.0	88.0	88.0
≥ 1800	12.0	53.3	74.0	79.3	84.0	84.7	84.7	88.0	88.0	88.0	88.0	88.0
≥ 1500	12.0	53.3	75.3	80.7	86.0	86.7	87.3	90.7	90.7	90.7	90.7	90.7
≥ 1200	12.0	53.3	75.3	80.7	86.0	86.7	87.3	90.7	90.7	90.7	90.7	90.7
≥ 1000	12.0	54.0	76.0	82.0	88.7	89.3	90.0	93.3	93.3	94.0	94.7	95.3
≥ 900	12.0	54.0	76.0	82.0	88.7	89.3	90.0	93.3	93.3	94.0	94.7	95.3
≥ 800	12.0	54.7	76.7	82.7	89.3	90.0	90.7	94.7	94.7	96.0	96.7	97.3
≥ 700	12.0	54.7	76.7	82.7	89.3	90.0	90.7	94.7	94.7	96.0	96.7	97.3
≥ 600	12.0	54.7	76.7	82.7	89.3	90.0	90.7	95.3	95.3	96.7	97.3	97.3
≥ 500	12.0	54.7	76.7	82.7	89.3	90.0	90.7	96.0	96.0	97.3	98.0	98.7
≥ 400	12.0	54.7	76.7	82.7	89.3	90.0	90.7	96.0	96.0	97.3	98.0	98.7
≥ 300	12.0	54.7	76.7	82.7	89.3	90.0	90.7	96.0	96.0	97.3	98.0	98.7
≥ 200	12.0	54.7	76.7	82.7	89.3	90.0	90.7	96.0	96.0	97.3	98.0	98.7
≥ 100	12.0	54.7	76.7	82.7	89.3	90.0	90.7	96.0	96.0	97.3	98.0	98.7
0	12.0	54.7	76.7	82.7	89.3	90.0	90.7	96.0	96.0	97.3	98.0	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

APR
MONTH

15

HOURS (LST)

CEILING VERSUS VISIBILITY

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.3	28.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	12.7	41.3	45.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	12.7	41.3	45.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	12.7	41.3	46.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	13.3	43.3	48.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	13.3	43.3	48.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 10000	14.0	48.0	53.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	14.0	48.7	54.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	14.7	52.7	58.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	14.7	52.7	58.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	14.7	52.7	58.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 5000	14.7	54.0	60.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	14.7	55.3	62.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4000	15.3	58.7	67.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	15.3	63.3	72.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	18.0	67.3	77.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	18.0	69.3	79.3	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	18.0	70.7	80.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	18.0	70.7	80.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	18.0	71.3	82.7	87.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	18.0	71.3	82.7	87.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	18.0	72.0	84.7	90.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	18.0	72.0	84.7	90.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 700	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 600	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 500	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 400	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 300	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 200	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 100	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0
0	18.0	72.7	86.0	91.3	94.0	94.7	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET

SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323 STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.7	26.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	12.0	37.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	12.0	37.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	12.0	37.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	12.0	38.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000	12.7	40.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	13.3	45.3	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	13.3	45.3	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000	16.0	52.7	58.0	58.0	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	16.0	54.0	60.0	60.0	60.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000	16.0	54.7	60.7	60.7	61.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	16.7	58.7	64.7	64.7	65.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	16.7	59.3	65.3	65.3	66.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	18.0	63.3	70.0	70.0	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	18.7	66.0	72.7	72.7	74.0	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	18.7	70.0	77.3	78.7	80.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	18.7	70.7	78.7	80.7	82.0	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	18.7	70.7	80.0	82.0	84.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	18.7	70.7	80.0	82.0	84.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	18.7	70.7	80.7	84.0	86.7	87.3	88.7	88.7	88.7	89.3	89.3	89.3	89.3
≥ 1200	18.7	70.7	80.7	84.7	87.3	88.0	89.3	89.3	89.3	90.0	90.0	90.0	90.0
≥ 1000	18.7	72.7	82.7	86.7	89.3	90.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 900	18.7	72.7	82.7	86.7	89.3	90.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 800	18.7	72.7	82.7	87.3	90.0	91.3	93.3	94.0	94.0	95.3	95.3	95.3	95.3
≥ 700	18.7	72.7	82.7	87.3	90.0	91.3	93.3	94.0	94.0	95.3	95.3	95.3	95.3
≥ 600	18.7	72.7	82.7	87.3	90.0	91.3	94.0	95.3	95.3	96.7	96.7	96.7	96.7
≥ 500	18.7	73.3	83.3	88.0	91.3	92.7	95.3	96.7	96.7	98.0	98.0	98.0	98.0
≥ 400	18.7	73.3	83.3	88.0	91.3	92.7	95.3	96.7	96.7	98.0	98.0	98.0	98.0
≥ 300	18.7	73.3	83.3	88.0	91.3	92.7	95.3	96.7	96.7	98.0	98.0	98.0	98.0
≥ 200	18.7	73.3	83.3	88.0	91.3	92.7	95.3	96.7	96.7	98.0	98.0	98.0	98.0
≥ 100	18.7	73.3	83.3	88.0	91.3	92.7	95.3	96.7	96.7	98.0	98.0	98.0	98.0
≥ 0	18.7	73.3	83.3	88.0	91.3	92.7	95.3	96.7	96.7	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR
MONTH

21

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	8.0	31.3	32.0	32.7	32.7	33.3	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	10.7	36.7	37.3	38.0	38.7	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
AI 18000	10.7	36.7	37.3	38.0	38.7	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
AI 16000	10.7	36.7	37.3	38.0	38.7	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
AI 14000	11.3	38.0	38.7	39.3	40.0	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0
AI 12000	12.0	39.3	40.0	40.7	41.3	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3
AI 10000	13.3	44.0	44.7	45.3	46.0	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0
AI 9000	13.3	44.0	44.7	45.3	46.0	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0
AI 8000	15.3	48.0	48.7	49.3	50.0	51.3	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7
AI 7000	15.3	50.0	50.7	51.3	52.0	53.3	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
AI 6000	15.3	50.0	50.7	51.3	52.0	53.3	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
AI 5000	16.7	51.3	52.0	52.7	53.3	54.7	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0
AI 4500	16.7	53.3	54.0	54.7	55.3	56.7	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0
AI 4000	17.3	60.7	61.3	62.0	62.7	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI 3500	18.7	64.7	65.3	66.0	66.7	68.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3
AI 3000	18.7	73.3	74.7	75.3	76.7	78.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
AI 2500	20.0	78.0	79.3	80.0	82.0	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
AI 2000	20.0	79.3	80.7	82.0	84.7	86.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
AI 1800	20.0	79.3	80.7	82.0	84.7	86.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
AI 1500	20.0	80.7	82.0	83.3	86.7	88.0	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 1200	20.0	80.7	82.0	83.3	87.3	88.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 1000	20.0	80.7	82.0	84.0	90.0	91.3	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 900	20.0	80.7	82.0	84.0	90.0	91.3	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 800	20.0	81.3	82.7	84.7	91.3	93.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 700	20.0	81.3	82.7	84.7	91.3	93.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 600	20.0	81.3	82.7	84.7	91.3	93.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 500	20.0	81.3	82.7	84.7	92.0	94.0	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 400	20.0	81.3	82.7	84.7	92.0	94.0	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 300	20.0	81.3	82.7	84.7	92.0	94.0	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 200	20.0	81.3	82.7	84.7	92.0	94.0	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 100	20.0	81.3	82.7	84.7	92.0	94.0	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 0	20.0	81.3	82.7	84.7	92.0	94.0	96.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

APR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.0	23.6	27.3	29.0	30.0	30.1	30.3	30.7	30.7	30.8	30.8	30.8	30.9	31.0
≥ 20000	8.8	30.9	35.1	37.2	38.5	38.7	38.9	39.4	39.4	39.7	39.7	39.7	39.8	39.8
≥ 18000	8.8	30.9	35.1	37.2	38.5	38.7	38.9	39.4	39.4	39.7	39.7	39.7	39.8	39.8
≥ 16000	8.8	31.0	35.3	37.3	38.7	38.8	39.1	39.6	39.6	39.8	39.8	39.8	39.9	40.0
≥ 14000	9.0	31.8	36.0	38.1	39.4	39.6	39.8	40.3	40.3	40.6	40.6	40.6	40.7	40.8
≥ 12000	9.4	32.5	36.9	39.0	40.3	40.5	40.8	41.3	41.3	41.5	41.5	41.5	41.6	41.7
≥ 10000	10.6	36.8	41.4	43.9	45.5	45.8	46.1	46.6	46.6	46.8	46.8	46.8	46.9	47.0
≥ 9000	10.7	36.9	41.6	44.1	45.7	45.9	46.3	46.8	46.8	47.0	47.0	47.1	47.1	47.2
≥ 8000	11.8	40.9	46.0	48.8	50.5	50.8	51.3	51.8	51.8	52.1	52.1	52.3	52.3	52.3
≥ 7000	12.0	42.3	47.4	50.2	51.9	52.3	52.8	53.3	53.3	53.5	53.5	53.7	53.7	53.8
≥ 6000	12.1	42.8	48.0	50.8	52.5	52.8	53.3	53.8	53.8	54.1	54.1	54.3	54.3	54.3
≥ 5000	12.4	44.8	50.2	53.1	54.9	55.3	55.8	56.3	56.3	56.6	56.6	56.8	56.8	56.9
≥ 4500	12.4	45.8	51.2	54.1	56.0	56.3	56.8	57.5	57.5	57.8	57.8	58.0	58.0	58.1
≥ 4000	13.4	51.1	57.4	60.5	62.5	62.8	63.5	64.2	64.2	64.4	64.4	64.7	64.7	64.8
≥ 3500	14.1	54.2	61.1	64.5	67.0	67.3	68.2	68.9	68.9	69.3	69.3	69.5	69.5	69.6
≥ 3000	14.8	59.4	67.2	71.1	74.2	74.6	75.7	76.4	76.4	76.8	76.8	77.0	77.0	77.1
≥ 2500	15.0	61.3	69.7	74.1	77.7	78.2	79.3	80.2	80.2	80.5	80.5	80.8	80.8	80.9
≥ 2000	15.2	62.6	71.5	76.4	80.8	81.3	82.8	84.3	84.3	84.7	84.8	85.1	85.1	85.2
≥ 1800	15.2	62.6	71.5	76.4	80.8	81.3	82.8	84.3	84.3	84.8	84.8	85.2	85.2	85.3
≥ 1500	15.3	64.2	73.7	79.1	84.3	84.9	86.8	88.3	88.3	89.1	89.3	89.6	89.6	89.7
≥ 1200	15.3	64.2	73.7	79.3	84.8	85.4	87.4	88.8	88.8	89.8	89.9	90.3	90.3	90.3
≥ 1000	15.3	65.0	75.2	81.2	88.1	88.8	91.1	92.7	92.7	93.8	94.0	94.6	94.6	94.7
≥ 900	15.3	65.0	75.2	81.2	88.1	88.8	91.1	92.7	92.7	93.8	94.0	94.6	94.6	94.7
≥ 800	15.3	65.4	75.9	82.0	89.1	89.9	92.3	94.3	94.3	95.7	95.9	96.5	96.5	96.6
≥ 700	15.3	65.4	75.9	82.0	89.1	89.9	92.3	94.3	94.3	95.7	95.9	96.5	96.5	96.6
≥ 600	15.3	65.5	76.0	82.2	89.3	90.1	92.5	94.7	94.7	96.2	96.4	97.2	97.2	97.3
≥ 500	15.3	65.6	76.2	82.4	89.8	90.6	93.0	95.3	95.3	96.8	97.2	98.1	98.1	98.3
≥ 400	15.3	65.6	76.2	82.4	89.8	90.6	93.0	95.3	95.3	96.9	97.3	98.3	98.3	98.6
≥ 300	15.3	65.6	76.2	82.4	89.8	90.6	93.0	95.3	95.3	96.9	97.3	98.3	98.3	98.8
≥ 200	15.3	65.6	76.2	82.4	89.8	90.6	93.0	95.3	95.3	97.0	97.4	98.5	98.5	99.1
≥ 100	15.3	65.6	76.2	82.4	89.8	90.6	93.0	95.3	95.3	97.0	97.4	98.5	98.5	99.2
≥ 0	15.3	65.6	76.2	82.4	89.8	90.6	93.0	95.3	95.3	97.0	97.4	98.5	98.5	99.3

TOTAL NUMBER OF OBSERVATIONS

1200

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	14.2	36.8	37.4	39.4	39.4	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	16.8	41.9	42.6	45.2	45.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	16.8	41.9	42.6	45.2	45.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5
≥ 16000	16.8	41.9	42.6	45.2	45.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	16.8	41.9	42.6	45.2	45.2	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	16.8	43.2	43.9	46.5	46.5	46.5	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	19.4	46.5	47.1	49.7	50.3	50.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	19.4	46.5	47.1	49.7	50.3	50.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000	23.9	56.1	56.8	60.0	60.7	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	24.5	57.4	58.1	61.9	62.6	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	24.5	57.4	58.1	61.9	62.6	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	24.5	59.4	60.0	63.9	64.5	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	25.2	61.3	61.9	65.8	66.5	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	27.7	65.2	65.8	69.7	70.3	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	28.4	68.4	69.0	73.6	74.2	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	32.3	72.9	73.6	78.1	78.7	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	32.9	74.2	76.1	80.7	81.9	81.9	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	35.5	78.7	80.7	85.8	87.1	87.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	35.5	78.7	80.7	85.8	87.1	87.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	35.5	78.7	81.3	86.5	88.4	88.4	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	35.5	78.7	81.3	86.5	89.0	89.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	35.5	78.7	81.3	87.1	89.7	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	35.5	78.7	81.3	87.1	89.7	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	35.5	79.4	81.9	87.7	91.6	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	35.5	79.4	81.9	87.7	91.6	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	35.5	79.4	81.9	87.7	92.3	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	35.5	79.4	81.9	87.7	92.3	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	35.5	80.0	82.6	88.4	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	35.5	80.0	82.6	88.4	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	35.5	80.0	82.6	88.4	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	35.5	80.0	82.6	88.4	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	35.5	80.0	82.6	88.4	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	10.3	30.3	31.0	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000	12.9	34.8	36.1	38.1	38.7	39.4	40.0	40.7	40.7	40.7	40.7
≥ 18000	12.9	34.8	36.1	38.1	38.7	39.4	40.0	40.7	40.7	40.7	40.7
≥ 16000	12.9	34.8	36.1	38.1	38.7	39.4	40.0	40.7	40.7	40.7	40.7
≥ 14000	12.9	34.8	36.1	38.1	38.7	39.4	40.0	40.7	40.7	40.7	40.7
≥ 12000	12.9	35.5	36.8	38.7	39.4	40.0	40.7	41.3	41.3	41.3	41.3
≥ 10000	13.6	37.4	39.4	41.3	41.9	42.6	43.2	44.5	44.5	44.5	44.5
≥ 9000	13.6	37.4	39.4	41.3	41.9	42.6	43.2	44.5	44.5	44.5	44.5
8000	18.1	43.9	45.8	48.4	49.0	49.7	50.3	51.6	51.6	51.6	51.6
7000	18.7	45.8	47.7	50.3	51.0	51.6	52.3	53.6	53.6	53.6	53.6
6000	20.0	47.1	49.0	51.6	52.3	52.9	53.6	54.8	54.8	54.8	54.8
5000	20.7	49.0	51.0	54.2	54.8	55.5	56.1	57.4	57.4	57.4	57.4
4500	20.7	51.0	52.9	56.1	56.8	57.4	58.1	59.4	59.4	59.4	59.4
4000	21.9	57.4	59.4	62.6	63.2	63.9	65.2	66.5	66.5	66.5	66.5
3500	23.2	61.9	64.5	67.7	68.4	69.0	70.3	71.6	71.6	71.6	71.6
3000	24.5	65.8	68.4	71.6	72.9	73.6	74.8	76.8	76.8	76.8	76.8
2500	24.5	68.4	71.6	74.8	76.8	77.4	78.7	80.7	80.7	80.7	80.7
2000	26.5	71.6	76.1	79.4	82.6	83.2	85.2	87.1	87.1	87.7	87.7
1800	26.5	71.6	76.1	79.4	82.6	83.2	85.2	87.1	87.1	87.7	87.7
1500	26.5	72.3	76.8	80.7	83.9	84.5	87.1	89.0	89.0	89.7	89.7
1200	26.5	72.9	77.4	81.3	84.5	85.2	87.7	89.7	89.7	90.3	90.3
1000	27.1	73.6	78.1	82.6	86.5	87.1	89.7	91.6	91.6	92.3	92.3
900	27.1	73.6	78.1	82.6	86.5	87.1	89.7	91.6	91.6	92.3	92.3
800	27.1	74.2	79.4	83.9	89.0	89.7	93.0	95.5	95.5	96.1	96.1
700	27.1	74.2	79.4	83.9	89.0	89.7	93.0	95.5	95.5	96.1	96.1
600	27.1	74.2	79.4	83.9	89.7	90.3	94.2	96.1	96.1	96.8	97.4
500	27.1	74.2	79.4	83.9	89.7	90.3	94.2	96.1	96.1	96.8	97.4
400	27.1	74.2	79.4	83.9	89.7	90.3	94.8	96.8	96.8	97.4	98.7
300	27.1	74.2	79.4	83.9	89.7	90.3	94.8	96.8	96.8	97.4	98.7
200	27.1	74.2	79.4	83.9	89.7	90.3	94.8	96.8	96.8	97.4	98.7
100	27.1	74.2	79.4	83.9	89.7	90.3	94.8	96.8	96.8	97.4	98.7
0	27.1	74.2	79.4	83.9	89.7	90.3	94.8	96.8	96.8	97.4	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKUSUKA, JAPAN

73-77

STATION NAME

YEARS

MAY
NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

06

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.5	22.6	24.5	30.3	32.9	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	8.4	29.7	32.3	38.1	40.7	40.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	8.4	29.7	32.3	38.1	40.7	40.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	8.4	30.3	32.9	38.7	41.3	41.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	8.4	30.3	32.9	38.7	41.3	41.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 12000	8.4	31.0	33.6	39.4	41.9	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 10000	8.4	35.5	36.7	44.5	47.1	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	8.4	35.5	38.7	44.5	47.1	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	10.3	38.1	42.6	49.0	52.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 7000	10.3	38.1	43.2	49.7	52.9	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	10.3	38.1	43.2	49.7	52.9	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 5000	11.0	40.0	45.8	52.9	56.1	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4500	11.0	41.3	47.1	54.2	57.4	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	12.9	43.9	51.0	58.1	61.3	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 3500	13.6	45.2	52.3	60.0	63.2	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3000	16.1	52.9	60.0	68.4	72.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	16.1	55.5	62.6	71.0	74.8	74.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	16.8	59.4	66.5	75.5	79.4	79.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	16.8	59.4	66.5	75.5	79.4	79.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	16.8	60.7	67.7	77.4	81.9	81.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	16.8	60.7	67.7	77.4	81.9	81.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	16.8	60.7	67.7	79.4	83.9	83.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	16.8	60.7	67.7	79.4	83.9	83.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	16.8	60.7	67.7	80.0	85.2	85.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	16.8	60.7	67.7	80.0	85.2	85.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	16.8	61.3	68.4	80.7	85.8	85.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	16.8	61.3	68.4	81.3	86.5	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	16.8	61.3	68.4	81.3	86.5	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	16.8	61.3	68.4	81.3	86.5	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 200	16.8	61.3	68.4	81.3	86.5	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 100	16.8	61.3	68.4	81.3	86.5	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 0	16.8	61.3	68.4	81.3	86.5	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

09

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	6.5	18.7	27.7	31.6	34.2	34.2	35.5	35.5	35.5	36.8	36.8	36.8
≥ 20000	6.5	21.9	31.6	36.1	39.4	40.0	41.3	41.9	41.9	43.2	43.2	43.2
≥ 18000	6.5	21.9	31.6	36.1	39.4	40.0	41.3	41.9	41.9	43.2	43.2	43.2
≥ 16000	6.5	21.9	31.6	36.1	39.4	40.0	41.3	41.9	41.9	43.2	43.2	43.2
≥ 14000	6.5	21.9	31.6	36.1	40.0	40.7	41.9	42.6	42.6	43.9	43.9	43.9
≥ 12000	6.5	21.9	31.6	36.1	40.0	40.7	41.9	42.6	42.6	43.9	43.9	43.9
≥ 10000	7.1	25.8	36.8	41.9	45.8	46.5	48.4	49.0	49.0	50.3	50.3	50.3
≥ 9000	7.1	25.8	36.8	41.9	45.8	46.5	48.4	49.0	49.0	50.3	50.3	50.3
≥ 8000	9.0	31.0	41.9	47.7	52.3	53.6	55.5	56.1	56.1	57.4	57.4	58.1
≥ 7000	9.7	32.9	43.9	49.7	54.2	55.5	57.4	58.1	58.1	59.4	59.4	60.0
≥ 6000	10.3	33.6	44.5	50.3	55.5	56.8	58.7	59.4	59.4	60.7	60.7	61.3
≥ 5000	11.6	35.5	47.1	52.9	58.7	60.0	61.9	62.6	62.6	63.9	63.9	64.5
≥ 4500	11.6	36.1	47.7	53.6	59.4	60.7	62.6	63.2	63.2	64.5	64.5	65.2
≥ 4000	12.3	40.0	52.3	58.1	64.5	65.8	67.7	68.4	68.4	69.7	69.7	70.3
≥ 3500	12.3	40.0	52.3	58.1	65.2	66.5	68.4	69.0	69.0	70.3	70.3	71.0
≥ 3000	13.6	43.9	56.1	63.2	70.3	71.6	73.6	74.2	74.2	75.5	75.5	76.1
≥ 2500	13.6	43.9	57.4	67.1	74.2	75.5	78.7	79.4	79.4	81.3	81.3	81.9
≥ 2000	13.6	44.5	58.7	68.4	75.5	76.8	80.0	80.7	80.7	83.2	83.2	83.9
≥ 1800	13.6	44.5	58.7	68.4	75.5	76.8	80.0	80.7	80.7	83.2	83.2	83.9
≥ 1500	14.2	47.1	61.3	71.0	79.4	80.7	84.5	85.8	85.8	88.4	88.4	89.0
≥ 1200	14.2	47.7	61.9	71.6	80.0	81.3	85.2	86.5	86.5	89.0	89.0	89.7
≥ 1000	14.2	48.4	62.6	72.3	81.9	83.2	87.1	88.4	88.4	91.6	91.6	92.3
≥ 900	14.2	48.4	62.6	72.3	81.9	83.2	87.1	88.4	88.4	91.6	91.6	92.3
≥ 800	14.2	48.4	62.6	72.9	82.6	83.9	87.7	89.7	89.7	93.6	93.6	94.2
≥ 700	14.2	48.4	62.6	73.6	83.2	84.5	88.4	90.3	90.3	94.2	94.2	95.5
≥ 600	14.2	48.4	62.6	73.6	83.2	84.5	88.4	91.0	91.0	94.8	94.8	96.1
≥ 500	14.2	48.4	62.6	73.6	83.2	84.5	88.4	91.0	91.0	94.8	94.8	96.1
≥ 400	14.2	48.4	62.6	73.6	83.2	84.5	89.0	91.6	91.6	97.4	97.4	98.7
≥ 300	14.2	48.4	62.6	73.6	83.2	84.5	89.0	91.6	91.6	97.4	97.4	98.7
≥ 200	14.2	48.4	62.6	73.6	83.2	84.5	89.0	91.6	91.6	97.4	97.4	98.7
≥ 100	14.2	48.4	62.6	73.6	83.2	84.5	89.0	91.6	91.6	97.4	97.4	99.4
≥ 0	14.2	48.4	62.6	73.6	83.2	84.5	89.0	91.6	91.6	97.4	97.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YUKOSUKA, JAPAN
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	11.0	30.3	35.5	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	15.5	41.9	48.4	52.3	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 18000	15.5	41.9	48.4	52.3	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 16000	15.5	41.9	48.4	52.3	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 14000	15.5	43.9	50.3	54.2	54.8	54.8	54.8	55.5	55.5	55.5	55.5
≥ 12000	16.1	46.5	52.9	56.8	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 10000	16.1	47.7	54.8	59.4	60.7	60.7	60.7	61.3	61.3	61.3	61.3
≥ 9000	16.1	47.7	54.8	59.4	60.7	60.7	60.7	61.3	61.3	61.3	61.3
≥ 8000	17.4	52.3	60.0	65.2	66.5	66.5	66.5	67.1	67.1	67.1	67.1
≥ 7000	17.4	52.9	60.7	65.8	67.1	67.1	67.1	67.7	67.7	67.7	67.7
≥ 6000	17.4	53.6	61.3	66.5	67.7	67.7	67.7	68.4	68.4	68.4	68.4
≥ 5000	17.4	54.2	61.9	67.1	69.0	69.0	69.0	70.3	70.3	70.3	70.3
≥ 4500	17.4	54.2	61.9	67.1	69.0	69.0	69.0	70.3	70.3	70.3	70.3
≥ 4000	18.1	58.1	65.8	72.3	74.8	74.8	74.8	76.1	76.1	76.1	76.1
≥ 3500	18.7	60.0	67.7	74.2	76.8	76.8	76.8	78.1	78.1	78.1	78.1
≥ 3000	20.0	61.9	70.3	77.4	80.7	80.7	80.7	81.9	81.9	81.9	81.9
≥ 2500	20.0	61.9	71.6	79.4	83.9	83.9	83.9	85.8	85.8	85.8	85.8
≥ 2000	20.0	62.6	72.3	80.7	85.2	85.2	85.2	87.1	87.1	87.1	87.1
≥ 1800	20.0	62.6	72.3	80.7	85.2	85.2	85.2	87.1	87.1	87.1	87.1
≥ 1500	20.7	63.9	73.6	81.9	87.1	87.1	87.1	89.0	89.0	89.0	89.0
≥ 1200	20.7	63.9	73.6	81.9	87.7	87.7	87.7	89.7	89.7	89.7	89.7
≥ 1000	20.7	64.5	74.2	83.2	90.3	90.3	90.3	93.6	93.6	93.6	93.6
≥ 900	20.7	64.5	74.2	83.2	90.3	90.3	90.3	93.6	93.6	93.6	93.6
≥ 800	20.7	65.2	75.5	84.5	92.3	92.3	92.3	95.5	95.5	95.5	95.5
≥ 700	20.7	65.2	75.5	84.5	92.3	92.3	92.3	95.5	95.5	95.5	95.5
≥ 600	20.7	65.2	75.5	84.5	92.3	92.3	92.3	95.5	95.5	95.5	95.5
≥ 500	20.7	65.2	76.1	85.2	92.9	92.9	92.9	96.1	96.1	96.1	96.1
≥ 400	20.7	65.2	76.1	85.2	92.9	92.9	92.9	96.1	96.1	96.1	96.1
≥ 300	20.7	65.2	76.1	85.2	92.9	92.9	92.9	96.1	96.1	96.1	96.1
≥ 200	20.7	65.2	76.1	85.2	92.9	92.9	92.9	96.1	96.1	96.1	96.1
≥ 100	20.7	65.2	76.1	85.2	92.9	92.9	92.9	96.1	96.1	96.1	96.1
0	20.7	65.2	76.1	85.2	92.9	92.9	92.9	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	12.3	32.9	36.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	16.1	40.7	44.5	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	16.1	41.3	45.2	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000	16.1	41.3	45.2	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	16.8	43.2	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	16.7	45.8	49.7	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	20.0	52.9	57.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	20.0	52.9	57.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	21.9	60.0	64.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	22.6	60.7	67.1	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	22.6	60.7	67.1	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	23.9	63.9	70.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	23.9	63.9	70.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	25.2	69.0	75.5	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	25.2	70.3	76.8	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	26.5	74.2	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	26.5	74.2	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	27.1	75.5	82.5	85.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	27.1	75.5	82.5	85.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	27.1	76.1	83.9	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	27.1	76.1	83.9	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	27.1	77.4	85.2	89.7	93.6	93.6	93.6	93.6	94.2	94.8	94.8	94.8
≥ 900	27.1	77.4	85.2	89.7	93.6	93.6	93.6	93.6	94.2	94.8	94.8	94.8
≥ 800	27.1	77.4	85.2	89.7	93.6	93.6	93.6	93.6	94.2	94.8	94.8	94.8
≥ 700	27.7	78.1	85.8	90.3	94.2	94.2	94.2	94.2	96.8	97.4	97.4	97.4
≥ 600	27.7	78.1	85.8	90.3	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4
≥ 500	27.7	78.1	85.8	90.3	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4
≥ 400	27.7	78.1	85.8	90.3	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4
≥ 300	27.7	78.1	85.8	90.3	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4
≥ 200	27.7	78.1	85.8	90.3	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4
≥ 100	27.7	78.1	85.8	90.3	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4
0	27.7	78.1	85.8	90.3	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323

STATION NAME
YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	11.0	28.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 20000	14.8	38.7	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	14.8	39.4	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000	14.8	39.4	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	15.5	40.7	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	16.8	41.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	22.6	52.9	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 9000	22.6	52.9	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	25.2	59.4	62.6	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	25.8	60.7	63.9	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	26.5	61.3	64.5	65.2	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	27.7	63.9	68.4	69.0	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	27.7	64.5	69.0	69.7	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	29.0	67.7	72.9	73.6	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	29.7	71.0	76.1	76.8	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	31.6	74.8	80.0	81.3	82.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	32.3	75.5	80.7	82.6	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	33.6	78.1	83.9	85.8	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	33.6	78.1	83.9	85.8	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	33.6	79.4	86.5	89.0	91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	33.6	79.4	86.5	89.0	91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	33.6	80.0	87.7	90.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21

HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	18.1	36.8	36.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	21.9	45.8	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	21.9	45.8	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000	21.9	45.8	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	21.9	45.8	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	21.9	46.5	47.1	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	23.2	50.3	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	23.2	50.3	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	26.5	56.8	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	26.5	58.1	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	26.5	58.1	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 5000	27.7	60.7	61.9	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500	27.7	60.7	62.6	63.9	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4000	27.7	65.8	67.7	69.0	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	29.0	69.0	71.0	72.3	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	32.9	75.5	77.4	78.7	80.0	80.0	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 2500	34.8	78.1	80.7	81.9	84.5	84.5	85.8	85.8	85.8	86.5	86.5	86.5	86.5
≥ 2000	35.1	80.7	83.2	84.5	87.7	88.4	89.7	89.7	89.7	90.3	90.3	90.3	90.3
≥ 1800	36.1	80.7	83.2	84.5	87.7	88.4	89.7	89.7	89.7	90.3	90.3	90.3	90.3
≥ 1500	36.8	82.6	85.2	87.1	90.3	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9
≥ 1200	36.8	82.6	85.2	87.1	90.3	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9
≥ 1000	36.8	82.6	85.8	88.4	91.6	92.3	93.6	93.6	93.6	94.8	94.8	94.8	94.8
≥ 900	36.8	82.6	85.8	88.4	91.6	92.3	93.6	93.6	93.6	94.8	94.8	94.8	94.8
≥ 800	36.8	83.2	86.5	89.7	92.9	93.6	94.8	94.8	94.8	96.1	96.1	96.1	96.1
≥ 700	36.8	83.2	86.5	89.7	92.9	93.6	94.8	94.8	94.8	96.1	96.1	96.1	96.1
≥ 600	36.8	83.2	86.5	90.3	93.6	94.2	95.5	95.5	95.5	98.7	98.7	98.7	98.7
≥ 500	36.8	83.2	86.5	90.3	93.6	94.2	95.5	95.5	95.5	98.7	98.7	98.7	98.7
≥ 400	36.8	83.2	86.5	90.3	93.6	94.2	95.5	95.5	95.5	99.4	99.4	99.4	99.4
≥ 300	36.8	83.2	86.5	90.3	93.6	94.2	95.5	95.5	95.5	99.4	99.4	99.4	99.4
≥ 200	36.8	83.2	87.1	91.0	94.2	94.8	96.1	96.1	96.1	100.0	100.0	100.0	100.0
≥ 100	36.8	83.2	87.1	91.0	94.2	94.8	96.1	96.1	96.1	100.0	100.0	100.0	100.0
≥ 0	36.8	83.2	87.1	91.0	94.2	94.8	96.1	96.1	96.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	11.2	29.6	32.4	34.5	35.4	35.4	35.8	35.9	35.9	36.1	36.1	36.1	36.1
≥ 20000	14.1	36.9	40.3	43.0	44.0	44.2	44.7	45.0	45.0	45.2	45.2	45.2	45.2
≥ 18000	14.1	37.1	40.5	43.2	44.2	44.4	44.8	45.2	45.2	45.3	45.3	45.3	45.3
≥ 16000	14.1	37.2	40.6	43.2	44.3	44.4	44.9	45.2	45.2	45.4	45.4	45.4	45.4
≥ 14000	14.3	37.8	41.2	43.9	45.0	45.2	45.7	46.0	46.0	46.1	46.1	46.1	46.1
≥ 12000	14.8	39.0	42.5	45.2	46.3	46.5	46.9	47.3	47.3	47.4	47.4	47.4	47.4
≥ 10000	16.3	43.6	47.6	50.4	51.8	51.9	52.5	52.9	53.1	53.1	53.1	53.1	53.1
≥ 9000	16.3	43.6	47.7	50.5	51.9	52.0	52.6	53.0	53.0	53.2	53.2	53.2	53.2
≥ 8000	19.0	49.7	54.0	57.3	58.9	59.1	59.8	60.2	60.3	60.3	60.3	60.4	60.4
≥ 7000	19.4	50.8	55.5	58.9	60.5	60.7	61.4	61.8	61.8	61.9	61.9	62.0	62.0
≥ 6000	19.8	51.2	55.9	59.3	61.0	61.2	61.9	62.3	62.3	62.4	62.4	62.5	62.5
≥ 5000	20.6	53.3	58.3	61.9	64.0	64.2	65.0	65.4	65.4	65.6	65.6	65.7	65.7
≥ 4500	20.7	54.1	59.2	62.8	64.8	65.1	65.9	66.3	66.3	66.5	66.5	66.5	66.5
≥ 4000	21.9	58.4	63.8	67.6	69.8	70.1	71.0	71.4	71.4	71.5	71.5	71.6	71.6
≥ 3500	22.5	60.7	66.2	70.2	72.5	72.7	73.7	74.1	74.1	74.3	74.3	74.4	74.4
≥ 3000	24.7	65.2	70.9	75.2	77.8	78.1	79.2	79.8	79.8	80.1	80.1	80.2	80.2
≥ 2500	25.1	66.5	72.7	77.6	80.8	81.1	82.5	83.1	83.1	83.5	83.5	83.6	83.6
≥ 2000	26.1	68.9	75.5	80.7	84.2	84.5	86.4	86.9	86.9	87.5	87.5	87.6	87.6
≥ 1800	26.1	68.9	75.5	80.7	84.2	84.5	86.4	86.9	86.9	87.5	87.5	87.6	87.6
≥ 1500	26.4	70.1	77.0	82.7	86.7	87.1	89.1	89.8	89.8	90.6	90.6	90.7	90.7
≥ 1200	26.4	70.2	77.2	82.8	87.0	87.4	89.4	90.2	90.2	90.9	90.9	91.0	91.0
≥ 1000	26.5	70.7	77.8	84.1	88.8	89.2	91.4	92.3	92.3	93.4	93.4	93.6	93.6
≥ 900	26.5	70.7	77.8	84.1	88.8	89.2	91.4	92.3	92.3	93.4	93.4	93.6	93.6
≥ 800	26.5	71.1	78.3	84.8	90.2	90.6	93.1	94.1	94.2	95.6	95.6	95.8	95.8
≥ 700	26.5	71.1	78.4	85.0	90.3	90.7	93.2	94.3	94.4	95.7	95.7	96.1	96.1
≥ 600	26.5	71.2	78.5	85.2	90.8	91.2	93.9	95.1	95.2	96.9	96.9	97.3	97.3
≥ 500	26.5	71.2	78.6	85.3	91.0	91.4	94.0	95.2	95.3	97.0	97.1	97.5	97.5
≥ 400	26.5	71.3	78.6	85.4	91.1	91.5	94.4	95.8	95.9	97.9	98.2	98.6	98.6
≥ 300	26.5	71.3	78.6	85.4	91.1	91.5	94.4	95.8	95.9	98.0	98.2	98.7	98.9
≥ 200	26.5	71.3	78.7	85.5	91.1	91.5	94.5	95.9	96.0	98.2	98.5	99.1	99.4
≥ 100	26.5	71.3	78.7	85.5	91.1	91.5	94.5	95.9	96.0	98.2	98.6	99.4	99.8
≥ 0	26.5	71.3	78.7	85.5	91.1	91.5	94.5	95.9	96.0	98.2	98.6	99.4	99.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUN
MONTH00
HOURS (L S T)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	2.7	10.7	12.7	14.0	14.0	14.0	14.0	14.7	14.7	14.7	14.7	14.7	14.7
≥ 20000	6.0	14.7	16.7	18.0	19.3	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7
≥ 18000	6.0	14.7	16.7	18.0	19.3	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	6.0	14.7	16.7	18.0	19.3	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	6.0	15.3	17.3	18.7	20.0	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	6.0	17.3	19.3	20.7	22.0	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3
≥ 10000	7.3	21.3	23.3	24.7	26.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3
≥ 9000	7.3	21.3	23.3	24.7	26.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3
≥ 8000	9.3	28.0	30.0	31.3	32.7	33.3	33.3	34.0	34.0	34.0	34.0	34.0	34.0
≥ 7000	9.3	29.3	31.3	32.7	34.0	34.7	34.7	35.3	35.3	35.3	35.3	35.3	35.3
≥ 6000	9.3	29.3	31.3	33.3	34.7	35.3	35.3	36.0	36.0	36.0	36.0	36.0	36.0
≥ 5000	9.3	30.7	32.7	34.7	36.0	36.7	36.7	37.3	37.3	37.3	37.3	37.3	37.3
≥ 4500	10.0	32.7	34.7	36.7	38.0	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3
≥ 4000	12.0	39.3	41.3	43.3	44.7	45.3	45.3	46.0	46.0	46.0	46.0	46.0	46.0
≥ 3500	12.7	42.0	44.7	46.7	48.7	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	14.7	47.3	50.7	53.3	57.3	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2500	15.3	52.7	56.7	60.0	65.3	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2000	17.3	57.3	62.7	66.7	72.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1800	17.3	57.3	62.7	66.7	73.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	16.0	60.0	66.0	70.0	78.7	80.7	80.7	81.3	81.3	82.0	82.0	82.0	82.0
≥ 1200	18.0	60.7	66.7	70.7	79.3	80.7	81.3	82.0	82.0	82.7	82.7	82.7	82.7
≥ 1000	18.7	63.3	69.3	74.7	83.3	84.7	86.7	87.3	87.3	88.0	88.0	88.0	88.0
≥ 900	18.7	63.3	69.3	74.7	84.0	85.3	87.3	88.0	88.0	88.7	88.7	88.7	88.7
≥ 800	18.7	63.3	69.3	76.0	85.3	86.7	88.7	89.3	89.3	91.3	91.3	91.3	91.3
≥ 700	18.7	63.3	69.3	76.0	85.3	86.7	88.7	89.3	89.3	91.3	91.3	91.3	91.3
≥ 600	18.7	64.0	70.0	78.0	87.3	88.7	90.7	91.3	91.3	94.0	94.0	94.7	94.7
≥ 500	18.7	64.0	70.0	78.0	88.7	90.0	92.0	93.3	93.3	96.0	96.0	96.7	96.7
≥ 400	18.7	64.0	70.0	78.0	90.0	91.3	93.3	94.7	94.7	97.3	98.0	99.3	99.3
≥ 300	18.7	64.0	70.0	78.0	90.0	91.3	93.3	94.7	94.7	97.3	98.0	99.3	99.3
≥ 200	18.7	64.0	70.0	78.0	90.0	91.3	93.3	94.7	94.7	97.3	98.0	100.0	100.0
≥ 100	18.7	64.0	70.0	78.0	90.0	91.3	93.3	94.7	94.7	97.3	98.0	100.0	100.0
0	18.7	64.0	70.0	78.0	90.0	91.3	93.3	94.7	94.7	97.3	98.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323

YOKOSUKA, JAPAN

73-77

JUN

STATION NAME

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.3	13.3	14.7	16.7	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 20000	3.3	14.0	17.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
AI 18000	3.3	14.0	17.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
AI 16000	3.3	14.0	17.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
AI 14000	3.3	14.0	17.3	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
AI 12000	3.3	15.3	18.7	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
AI 10000	5.3	18.7	22.7	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
AI 9000	5.3	19.3	23.3	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
AI 8000	6.0	22.7	26.7	29.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
AI 7000	6.7	24.0	28.7	31.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
AI 6000	6.7	25.3	30.0	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
AI 5000	6.7	26.7	31.3	34.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
AI 4500	6.7	26.7	31.3	34.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
AI 4000	6.7	34.7	40.0	42.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
AI 3500	9.3	37.3	42.7	45.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
AI 3000	12.7	46.0	52.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
AI 2500	14.0	50.0	57.3	62.0	64.7	64.7	64.7	65.3	65.3	66.0	66.0	66.0	66.0	66.0
AI 2000	15.3	56.0	63.3	69.3	72.0	72.7	72.7	73.3	73.3	74.0	74.0	74.0	74.0	74.0
AI 1800	15.3	56.0	63.3	69.3	72.0	72.7	72.7	73.3	73.3	74.0	74.0	74.0	74.0	74.0
AI 1500	16.0	57.3	65.3	71.3	75.3	76.7	77.3	78.0	78.0	79.3	79.3	79.3	79.3	79.3
AI 1200	16.0	57.3	65.3	71.3	75.3	76.7	77.3	78.0	78.0	79.3	79.3	79.3	79.3	79.3
AI 1000	16.0	60.7	69.3	76.7	81.3	82.7	85.3	86.0	86.0	88.0	88.0	88.0	88.0	88.0
AI 900	16.0	60.7	69.3	76.7	81.3	82.7	85.3	86.0	86.0	88.0	88.0	88.0	88.0	88.0
AI 800	16.0	60.7	69.3	76.7	82.0	83.3	86.0	86.7	86.7	89.3	89.3	90.0	90.0	90.0
AI 700	16.0	60.7	69.3	76.7	82.0	83.3	86.0	86.7	86.7	89.3	89.3	90.0	90.0	90.0
AI 600	16.0	61.3	70.0	77.3	82.7	84.0	87.3	88.0	88.0	90.7	90.7	91.3	91.3	91.3
AI 500	16.0	61.3	70.0	77.3	83.3	84.7	88.0	89.3	89.3	92.0	92.0	94.0	94.0	94.0
AI 400	16.0	61.3	70.0	77.3	83.3	84.7	88.0	89.3	90.0	92.7	92.7	95.3	95.3	96.0
AI 300	16.0	61.3	70.0	77.3	83.3	84.7	88.0	89.3	90.7	93.3	93.3	96.0	96.0	97.3
AI 200	16.0	61.3	70.0	77.3	83.3	84.7	88.0	89.3	90.7	94.0	94.0	97.3	97.3	98.0
AI 100	16.0	61.3	70.0	77.3	83.3	84.7	88.0	89.3	90.7	94.0	94.0	97.3	97.3	98.0
AI 0	16.0	61.3	70.0	77.3	83.3	84.7	88.0	89.3	90.7	94.0	94.0	97.3	97.3	98.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.3	4.7	6.0	6.7	7.3	8.0	8.0	8.0	8.0	9.3	9.3	9.3	9.3	9.3	9.3
≥ 20000	1.3	5.3	7.3	8.0	10.0	11.3	12.0	12.0	12.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 18000	1.3	5.3	7.3	8.0	10.0	11.3	12.0	12.0	12.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 16000	1.3	5.3	7.3	8.0	10.0	11.3	12.0	12.0	12.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 14000	1.3	5.3	7.3	8.0	10.0	11.3	12.0	12.0	12.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 12000	2.0	6.0	8.0	9.3	12.0	13.3	14.0	14.0	14.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 10000	2.7	7.3	10.0	11.3	14.0	15.3	17.3	17.3	17.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 9000	2.7	7.3	10.0	12.0	14.7	16.0	18.0	18.0	18.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	4.0	12.7	16.7	18.7	22.0	23.3	25.3	25.3	25.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 7000	4.0	14.0	18.0	20.0	23.3	24.7	26.7	26.7	26.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 6000	4.0	14.0	18.0	20.0	23.3	24.7	27.3	27.3	27.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 5000	4.0	14.7	18.7	20.7	24.0	25.3	28.0	28.0	28.0	30.7	30.7	30.7	30.7	30.7	30.7
≥ 4500	4.0	15.3	19.3	21.3	24.7	26.0	28.7	28.7	28.7	31.3	31.3	31.3	31.3	31.3	31.3
≥ 4000	4.0	20.0	24.7	27.3	30.7	32.0	35.3	36.0	36.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 3500	4.0	24.7	30.0	34.0	37.3	38.7	42.0	42.7	42.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3000	4.7	28.0	34.7	39.3	42.7	44.0	48.0	48.7	48.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2500	5.3	30.0	37.3	42.0	46.0	47.3	51.3	52.0	52.0	54.0	54.7	54.7	54.7	54.7	54.7
≥ 2000	6.0	34.7	43.3	48.7	55.3	56.7	60.7	61.3	61.3	64.7	65.3	65.3	65.3	65.3	65.3
≥ 1800	6.0	34.7	43.3	48.7	55.3	56.7	60.7	61.3	61.3	64.7	65.3	65.3	65.3	65.3	65.3
≥ 1500	6.7	37.3	48.0	54.7	62.0	63.3	67.3	69.3	69.3	72.7	73.3	73.3	73.3	73.3	73.3
≥ 1200	7.3	38.0	48.7	55.3	62.7	64.0	68.0	70.7	70.7	74.0	74.7	74.7	74.7	74.7	74.7
≥ 1000	7.3	38.0	49.3	56.0	66.0	67.3	72.7	75.3	75.3	79.3	80.0	80.0	80.7	81.3	81.3
≥ 900	7.3	38.0	49.3	56.0	66.0	67.3	72.7	75.3	75.3	79.3	80.0	80.0	80.7	81.3	81.3
≥ 800	7.3	38.7	50.0	59.3	68.7	70.0	76.0	79.3	79.3	84.0	84.0	84.0	85.3	86.0	86.0
≥ 700	7.3	38.7	50.0	59.3	68.7	70.0	76.0	79.3	79.3	84.0	84.0	84.0	86.0	86.7	86.7
≥ 600	7.3	38.7	50.7	60.7	70.7	72.7	78.7	82.0	82.0	87.3	88.0	88.0	89.3	90.0	90.0
≥ 500	7.3	39.3	52.0	62.7	74.0	76.0	82.0	85.3	85.3	92.0	92.7	92.7	94.0	94.7	94.7
≥ 400	7.3	39.3	52.0	62.7	74.0	76.0	83.3	87.3	87.3	94.0	94.7	94.7	96.0	96.7	96.7
≥ 300	7.3	39.3	52.0	62.7	74.0	76.0	83.3	87.3	87.3	94.0	94.7	94.7	96.7	97.3	97.3
≥ 200	7.3	39.3	52.0	63.3	74.7	76.7	84.0	88.0	88.0	95.3	96.0	96.0	98.7	99.3	99.3
≥ 100	7.3	39.3	52.0	63.3	74.7	76.7	84.0	88.0	88.0	95.3	96.0	96.0	98.7	99.3	99.3
≥ 0	7.3	39.3	52.0	63.3	74.7	76.7	84.0	88.0	88.0	95.3	96.0	96.0	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7	6.0	8.7	11.3	14.0	14.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 20000	2.0	8.7	13.3	16.7	20.0	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7
≥ 18000	2.0	8.7	13.3	16.7	20.0	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7
≥ 16000	2.0	8.7	13.3	16.7	20.0	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7
≥ 14000	2.0	8.7	13.3	16.7	20.0	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7
≥ 12000	2.7	9.3	14.7	18.0	21.3	21.3	23.3	23.3	23.3	24.0	24.7	24.7	24.7	24.7
≥ 10000	2.7	10.7	16.0	19.3	23.3	23.3	25.3	25.3	25.3	26.0	26.7	26.7	26.7	26.7
≥ 9000	2.7	10.7	16.0	19.3	23.3	23.3	25.3	25.3	25.3	26.0	26.7	26.7	26.7	26.7
≥ 8000	2.7	13.3	20.0	24.0	28.7	28.7	30.7	30.7	30.7	31.3	32.0	32.0	32.0	32.0
≥ 7000	2.7	14.0	20.7	25.3	30.0	30.0	32.0	32.0	32.0	32.7	33.3	33.3	33.3	33.3
≥ 6000	2.7	15.3	22.0	26.7	31.3	31.3	33.3	33.3	33.3	34.0	34.7	34.7	34.7	34.7
≥ 5000	2.7	16.7	23.3	28.7	34.0	34.0	36.0	36.0	36.0	36.7	37.3	37.3	37.3	37.3
≥ 4500	2.7	18.7	25.3	30.7	36.0	36.0	38.7	38.7	38.7	39.3	40.0	40.0	40.0	40.0
≥ 4000	4.0	23.3	30.0	37.3	43.3	43.3	46.0	46.0	46.0	46.7	47.3	47.3	47.3	47.3
≥ 3500	4.0	25.3	32.0	39.3	45.3	45.3	48.7	48.7	48.7	49.3	50.0	50.0	50.0	50.0
≥ 3000	4.7	31.3	38.7	46.0	54.0	54.0	57.3	57.3	57.3	58.7	59.3	60.0	60.0	60.0
≥ 2500	4.7	33.3	41.3	49.3	57.3	57.3	60.7	60.7	62.0	63.3	64.0	64.0	64.0	64.0
≥ 2000	5.3	38.7	47.3	56.0	64.7	64.7	68.7	68.7	70.0	72.0	72.7	72.7	72.7	72.7
≥ 1800	5.3	38.7	47.3	56.0	64.7	64.7	68.7	68.7	70.0	72.0	72.7	72.7	72.7	72.7
≥ 1500	5.3	40.0	48.7	58.0	67.3	68.0	71.3	72.7	72.7	75.3	76.0	76.0	76.0	76.0
≥ 1200	5.3	40.0	50.0	59.3	69.3	70.0	73.3	74.7	74.7	77.3	78.0	78.0	78.0	78.0
≥ 1000	5.3	42.0	52.0	61.3	72.7	73.3	78.0	81.3	81.3	86.0	87.3	88.0	88.0	88.0
≥ 900	5.3	42.0	52.0	61.3	72.7	73.3	78.0	81.3	81.3	86.0	87.3	88.0	88.0	88.0
≥ 800	5.3	42.7	53.3	62.7	74.0	74.0	79.3	82.7	82.7	88.0	89.3	90.0	90.0	90.0
≥ 700	5.3	42.7	53.3	62.7	74.0	74.0	79.3	82.7	82.7	88.0	89.3	90.0	90.0	90.0
≥ 600	5.3	42.7	53.3	62.7	74.0	74.0	79.3	82.7	82.7	88.0	89.3	90.0	90.0	90.0
≥ 500	5.3	42.7	53.3	62.7	74.0	74.0	79.3	82.7	82.7	88.0	89.3	90.0	90.0	90.0
≥ 400	5.3	42.7	54.0	63.3	76.0	76.0	82.7	87.3	87.3	94.0	95.3	95.3	95.3	95.3
≥ 300	5.3	42.7	54.0	63.3	76.0	76.0	82.7	88.0	88.0	95.3	96.7	96.7	96.7	96.7
≥ 200	5.3	42.7	54.0	63.3	76.0	76.0	82.7	88.0	88.0	95.3	96.7	96.7	96.7	96.7
≥ 100	5.3	42.7	54.0	63.3	76.0	76.0	82.7	88.0	88.0	95.3	96.7	96.7	96.7	96.7
0	5.3	42.7	54.0	63.3	76.0	76.0	82.7	88.0	88.0	95.3	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUN
MONTH

12

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	2.7	9.3	11.3	13.3	13.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 20000	3.3	15.3	19.3	22.0	22.0	22.7	23.3	24.0	24.0	24.0	24.0	24.0	24.0
AI 18000	3.3	15.3	19.3	22.0	22.0	22.7	23.3	24.0	24.0	24.0	24.0	24.0	24.0
AI 16000	3.3	15.3	19.3	22.0	22.7	23.3	24.0	24.7	24.7	24.7	24.7	24.7	24.7
AI 14000	3.3	16.0	20.0	22.7	23.3	24.0	24.7	25.3	25.3	25.3	25.3	25.3	25.3
AI 12000	4.0	19.3	24.0	27.3	28.0	28.7	29.3	30.7	30.7	30.7	30.7	30.7	30.7
AI 10000	4.0	20.0	24.7	28.0	28.7	30.0	30.7	32.0	32.0	32.0	32.0	32.0	32.0
AI 9000	4.0	20.0	24.7	28.0	28.7	30.0	30.7	32.0	32.0	32.0	32.0	32.0	32.0
AI 8000	4.7	24.0	30.0	34.7	35.3	36.7	38.7	40.0	40.0	40.0	40.0	40.0	40.0
AI 7000	4.7	26.0	32.0	36.7	37.3	38.7	40.7	42.0	42.0	42.0	42.0	42.0	42.0
AI 6000	4.7	26.0	32.0	36.7	37.3	38.7	40.7	42.0	42.0	42.0	42.0	42.0	42.0
AI 5000	4.7	28.0	34.0	38.7	40.0	41.3	43.3	44.7	44.7	44.7	44.7	44.7	44.7
AI 4500	4.7	29.3	36.0	40.7	42.7	44.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3
AI 4000	5.3	36.0	43.3	49.3	51.3	52.7	54.7	56.0	56.0	56.0	56.0	56.0	56.0
AI 3500	5.3	38.0	45.3	51.3	54.0	55.3	58.0	59.3	59.3	59.3	59.3	59.3	59.3
AI 3000	6.7	41.3	50.7	57.3	60.0	61.3	64.7	66.0	66.0	66.0	66.0	66.0	66.0
AI 2500	6.7	43.3	53.3	61.3	64.7	66.0	69.3	70.7	70.7	70.7	70.7	70.7	70.7
AI 2000	7.3	47.3	59.3	68.7	73.3	74.7	78.7	80.0	80.0	80.7	80.7	80.7	80.7
AI 1800	7.3	47.3	59.3	68.7	73.3	74.7	78.7	80.0	80.0	80.7	80.7	80.7	80.7
AI 1500	7.3	49.3	61.3	70.7	76.0	77.3	82.0	83.3	83.3	84.0	84.0	84.0	84.0
AI 1200	7.3	49.3	61.3	70.7	76.0	77.3	82.0	83.3	83.3	84.0	84.0	84.0	84.0
AI 1000	7.3	51.3	63.3	72.7	78.0	79.3	84.7	86.7	86.7	89.3	89.3	89.3	89.3
AI 900	7.3	51.3	63.3	72.7	78.0	79.3	84.7	86.7	86.7	89.3	89.3	89.3	89.3
AI 800	7.3	51.3	64.0	73.3	80.0	81.3	87.3	89.3	89.3	92.0	92.0	92.0	92.0
AI 700	7.3	51.3	64.0	73.3	80.0	81.3	87.3	89.3	89.3	92.0	92.0	92.0	92.0
AI 600	7.3	51.3	64.0	73.3	80.7	82.7	88.7	91.3	91.3	94.7	94.7	95.3	95.3
AI 500	7.3	52.0	64.7	74.7	82.0	84.0	90.7	93.3	93.3	97.3	97.3	98.0	98.0
AI 400	7.3	52.0	64.7	74.7	82.7	84.7	91.3	94.0	94.0	98.0	98.0	98.7	98.7
AI 300	7.3	52.0	64.7	74.7	82.7	84.7	91.3	94.0	94.0	98.0	98.0	98.7	98.7
AI 200	7.3	52.0	64.7	74.7	82.7	84.7	91.3	94.0	94.0	98.0	98.0	98.7	98.7
AI 100	7.3	52.0	64.7	74.7	82.7	84.7	91.3	94.0	94.0	98.0	98.0	98.7	98.7
AI 0	7.3	52.0	64.7	74.7	82.7	84.7	91.3	94.0	94.0	98.0	98.0	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

JUN
MONTH
15
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.7	12.0	14.7	15.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.7
≥ 20000	6.7	22.7	28.7	29.3	30.0	30.0	30.7	30.7	30.7	30.7	30.7	30.7	31.3
AI 18000	6.7	22.7	28.7	29.3	30.0	30.0	30.7	30.7	30.7	30.7	30.7	30.7	31.3
AI 16000	6.7	22.7	28.7	29.3	30.0	30.7	31.3	31.3	31.3	31.3	31.3	31.3	32.0
AI 14000	7.3	24.0	30.7	31.3	32.7	32.7	33.3	33.3	33.3	33.3	33.3	34.0	34.0
AI 12000	7.3	26.0	32.7	33.3	34.7	34.7	35.3	35.3	35.3	35.3	35.3	36.0	36.0
AI 10000	8.7	28.0	35.3	36.0	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.7	38.7
AI 9000	8.7	28.0	35.3	36.0	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.7	38.7
AI 8000	10.0	32.0	40.0	40.7	42.0	42.0	42.7	42.7	42.7	42.7	42.7	43.3	43.3
AI 7000	10.0	34.7	43.3	44.0	45.3	45.3	46.0	46.0	46.0	46.0	46.0	46.7	46.7
AI 6000	10.0	36.0	44.7	45.3	46.7	46.7	47.3	47.3	47.3	47.3	47.3	48.0	48.0
AI 5000	10.0	38.7	47.3	48.0	49.3	49.3	50.0	50.0	50.0	50.0	50.0	51.3	51.3
AI 4500	10.0	38.7	47.3	48.7	50.0	50.0	50.7	50.7	50.7	50.7	50.7	52.0	52.0
AI 4000	11.3	44.7	54.7	56.7	58.0	58.0	58.7	58.7	58.7	58.7	58.7	60.0	60.0
AI 3500	11.3	45.3	56.0	58.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	62.0	62.0
AI 3000	12.0	50.0	62.7	66.0	68.0	68.0	69.3	69.3	69.3	69.3	69.3	70.7	70.7
AI 2500	13.3	51.3	64.7	68.0	71.3	71.3	72.7	72.7	72.7	72.7	72.7	74.0	74.0
AI 2000	15.3	56.7	70.7	74.7	78.0	78.0	79.3	80.0	80.0	80.0	80.0	81.3	81.3
AI 1800	15.3	56.7	70.7	74.7	78.0	78.0	79.3	80.0	80.0	80.0	80.0	81.3	81.3
AI 1500	16.0	58.7	72.7	77.3	81.3	81.3	83.3	84.0	84.0	84.0	84.0	85.3	85.3
AI 1200	16.0	58.7	72.7	77.3	81.3	81.3	83.3	84.0	84.0	84.0	84.0	85.3	85.3
AI 1000	16.0	59.3	74.7	79.3	84.0	84.0	86.0	86.7	86.7	88.0	88.0	89.3	89.3
AI 900	16.0	59.3	74.7	79.3	84.0	84.0	86.0	86.7	86.7	88.0	88.0	89.3	89.3
AI 800	16.0	60.0	76.7	81.3	86.7	87.3	89.3	90.0	90.0	91.3	91.3	92.7	92.7
AI 700	16.0	60.0	76.7	82.0	87.3	88.0	90.0	90.7	90.7	92.0	92.0	93.3	93.3
AI 600	16.0	60.0	77.3	82.7	88.0	88.7	91.3	92.0	92.0	94.0	94.0	95.3	95.3
AI 500	16.0	60.0	77.3	82.7	88.0	88.7	92.0	92.7	92.7	97.3	97.3	98.7	98.7
AI 400	16.0	60.0	77.3	82.7	88.7	89.3	92.7	93.3	93.3	98.0	98.0	99.3	99.3
AI 300	16.0	60.0	77.3	82.7	88.7	89.3	92.7	93.3	93.3	98.0	98.0	99.3	99.3
AI 200	16.0	60.0	77.3	82.7	88.7	89.3	92.7	93.3	93.3	98.0	98.0	99.3	99.3
AI 100	16.0	60.0	77.3	82.7	88.7	89.3	92.7	93.3	93.3	98.0	98.0	99.3	99.3
AI 0	16.0	60.0	77.3	82.7	88.7	89.3	92.7	93.3	93.3	98.0	98.0	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YUKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 20000	7.3	25.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 18000	7.3	25.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 16000	7.3	25.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 14000	7.3	27.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 12000	8.7	29.3	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 10000	8.7	32.7	36.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 9000	9.3	33.3	36.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 8000	10.7	39.3	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 7000	11.3	42.0	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 6000	11.3	42.0	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	11.3	44.7	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4500	12.0	46.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4000	13.3	50.7	57.3	58.7	59.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3500	14.7	55.3	62.7	64.0	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	17.3	62.7	72.0	74.0	74.7	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	17.3	64.0	74.0	76.7	77.3	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	17.3	64.7	75.3	79.3	80.0	80.0	81.3	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	17.3	64.7	75.3	79.3	80.0	80.0	81.3	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	17.3	65.3	76.7	81.3	82.0	82.0	83.3	85.3	85.3	86.0	86.0	86.0	86.0
≥ 1200	17.3	65.3	76.7	81.3	82.0	82.0	83.3	85.3	85.3	86.0	86.0	86.0	86.0
≥ 1000	17.3	66.0	77.3	82.0	83.3	83.3	84.7	86.7	86.7	87.3	87.3	87.3	87.3
≥ 900	17.3	66.0	77.3	82.0	83.3	83.3	84.7	86.7	86.7	87.3	87.3	87.3	87.3
≥ 800	17.3	66.0	78.0	82.7	84.7	84.7	86.0	88.0	88.0	88.7	88.7	88.7	88.7
≥ 700	17.3	66.0	78.0	82.7	84.7	84.7	86.0	88.0	88.0	89.3	89.3	89.3	89.3
≥ 600	17.3	66.0	78.7	83.3	85.3	85.3	86.7	89.3	89.3	90.7	91.3	91.3	91.3
≥ 500	17.3	66.0	80.7	85.3	88.7	88.7	90.0	93.3	93.3	94.7	95.3	96.0	96.0
≥ 400	17.3	66.0	80.7	86.0	89.3	89.3	90.7	94.0	94.0	96.0	96.7	98.0	98.0
≥ 300	17.3	66.0	80.7	86.0	89.3	89.3	90.7	94.0	94.0	96.0	96.7	98.0	98.0
≥ 200	17.3	66.0	80.7	86.0	89.3	89.3	90.7	94.0	94.0	96.0	97.3	98.7	99.3
≥ 100	17.3	66.0	80.7	86.0	89.3	89.3	90.7	94.0	94.0	96.0	97.3	98.7	99.3
0	17.3	66.0	80.7	86.0	89.3	89.3	90.7	94.0	94.0	96.0	97.3	98.7	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	5.3	16.7	18.0	18.0	18.0	18.7	18.7	19.3	19.3	19.3	19.3	19.3	19.3
≥ 20000	6.7	23.3	25.3	26.0	26.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3
≥ 18000	6.7	23.3	25.3	26.0	26.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3
≥ 16000	6.7	24.0	26.0	26.7	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	6.7	24.7	26.7	27.3	27.3	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7
≥ 12000	8.0	27.3	29.3	30.0	30.0	30.7	30.7	31.3	31.3	31.3	31.3	31.3	31.3
≥ 10000	8.7	30.0	32.7	33.3	33.3	34.0	34.0	34.7	34.7	34.7	34.7	34.7	34.7
≥ 9000	8.7	30.0	32.7	33.3	33.3	34.0	34.0	34.7	34.7	34.7	34.7	34.7	34.7
≥ 8000	9.3	35.3	38.0	38.7	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3
≥ 7000	10.0	36.7	39.3	40.0	41.3	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7
≥ 6000	10.0	37.3	40.7	41.3	42.7	43.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0
≥ 5000	10.0	38.0	42.0	42.7	44.0	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3
≥ 4500	10.0	41.3	45.3	46.0	47.3	48.0	48.0	48.7	48.7	48.7	48.7	48.7	48.7
≥ 4000	12.0	48.7	53.3	54.0	55.3	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7
≥ 3500	14.7	53.3	58.0	58.7	60.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3000	17.3	60.0	65.3	66.7	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0
≥ 2500	18.7	62.7	68.0	71.3	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	19.3	65.3	71.3	75.3	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1800	19.3	65.3	71.3	75.3	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1500	19.3	67.3	73.3	77.3	81.3	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	19.3	67.3	73.3	77.3	81.3	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	20.0	70.0	77.3	82.0	86.7	87.3	87.3	89.3	89.3	90.0	90.0	90.0	90.0
≥ 900	20.0	70.0	77.3	82.0	87.3	88.0	88.0	90.0	90.0	90.7	90.7	90.7	90.7
≥ 800	20.0	72.0	79.3	84.7	90.0	90.7	92.0	92.7	92.7	94.0	94.0	94.0	94.0
≥ 700	20.0	72.0	79.3	84.7	90.0	90.7	92.0	92.7	92.7	94.0	94.0	94.0	94.0
≥ 600	20.0	72.7	80.0	85.3	90.7	91.3	92.7	93.3	93.3	94.7	94.7	94.7	94.7
≥ 500	20.0	73.3	80.7	86.7	92.0	92.7	94.0	94.7	94.7	96.0	96.0	96.0	96.0
≥ 400	20.0	73.3	80.7	86.7	93.3	94.0	96.0	96.7	96.7	98.0	98.0	98.0	98.0
≥ 300	20.0	73.3	80.7	86.7	93.3	94.0	96.0	96.7	96.7	98.7	98.7	98.7	98.7
≥ 200	20.0	73.3	80.7	86.7	93.3	94.0	96.0	96.7	96.7	98.7	98.7	98.7	98.7
≥ 100	20.0	73.3	80.7	86.7	93.3	94.0	96.0	96.7	96.7	98.7	98.7	98.7	98.7
≥ 0	20.0	73.3	80.7	86.7	93.3	94.0	96.0	96.7	96.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUN
MONTHALL
HOURS (L S T)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	3.1	10.9	12.7	13.8	14.4	14.7	14.8	15.0	15.2	15.2	15.2	15.2	15.3
≥ 20000	4.6	16.2	19.3	20.8	21.8	22.2	22.6	22.8	22.8	23.2	23.3	23.3	23.3
18000	4.6	16.2	19.3	20.8	21.8	22.2	22.6	22.8	22.8	23.2	23.3	23.3	23.3
16000	4.6	16.3	19.4	20.8	22.0	22.4	22.8	23.1	23.1	23.4	23.5	23.6	23.6
14000	4.7	16.9	20.3	21.8	23.0	23.4	23.9	24.2	24.2	24.5	24.6	24.7	24.7
12000	5.3	18.8	22.3	24.1	25.3	25.8	26.3	26.6	26.6	26.9	27.0	27.1	27.1
10000	6.0	21.1	25.1	26.8	28.2	28.9	29.3	29.7	29.7	30.0	30.1	30.2	30.2
9000	6.1	21.3	25.3	27.1	28.4	28.9	29.6	29.9	29.9	30.3	30.3	30.4	30.4
8000	7.1	25.9	30.7	32.8	34.5	35.0	35.8	36.2	36.2	36.5	36.6	36.7	36.7
7000	7.3	27.6	32.5	34.7	36.4	36.9	37.6	38.1	38.1	38.4	38.5	38.6	38.6
6000	7.3	28.2	33.3	35.5	37.3	37.8	38.7	39.0	39.0	39.3	39.4	39.5	39.5
5000	7.3	29.8	35.1	37.4	39.4	39.9	40.8	41.3	41.3	41.6	41.7	41.8	41.8
4500	7.5	31.1	36.5	38.9	41.1	41.6	42.6	43.0	43.0	43.3	43.4	43.6	43.6
4000	8.8	37.2	43.1	46.2	48.4	48.9	50.1	50.5	50.5	50.8	50.9	51.1	51.1
3500	9.5	40.2	46.4	49.7	52.2	52.8	54.0	54.4	54.4	54.8	54.8	55.0	55.0
3000	11.3	45.8	53.4	57.4	60.5	61.1	62.6	63.3	63.3	63.6	63.7	63.8	63.8
2500	11.9	48.4	56.6	61.3	65.0	65.7	67.2	67.9	67.9	68.4	68.6	68.8	68.8
2000	12.9	52.6	61.7	67.3	71.8	72.5	74.3	75.2	75.2	76.0	76.2	76.3	76.3
1800	12.9	52.6	61.7	67.3	71.8	72.5	74.3	75.3	75.3	76.1	76.3	76.4	76.4
1500	13.3	54.4	64.0	70.1	75.5	76.3	78.5	79.7	79.7	80.8	81.0	81.2	81.2
1200	13.3	54.6	64.3	70.4	75.9	76.8	78.9	80.2	80.2	81.3	81.5	81.7	81.7
1000	13.5	56.3	66.6	73.3	79.4	80.3	83.3	84.9	84.9	87.0	87.3	87.7	87.8
900	13.5	56.3	66.6	73.3	79.6	80.4	83.5	85.1	85.1	87.2	87.4	87.8	87.9
800	13.5	56.8	67.5	74.6	81.4	82.3	85.6	87.3	87.3	89.8	90.0	90.6	90.7
700	13.5	56.8	67.5	74.7	81.5	82.4	85.7	87.3	87.3	90.0	90.3	90.8	90.9
600	13.5	57.1	68.0	75.4	82.5	83.6	87.0	88.9	88.9	92.0	92.3	93.0	93.1
500	13.5	57.3	68.6	76.3	83.8	84.9	88.7	90.9	90.9	94.7	95.0	95.9	96.2
400	13.5	57.3	68.7	76.4	84.7	85.8	89.8	92.2	92.2	96.0	96.4	97.9	98.3
300	13.5	57.3	68.7	76.4	84.7	85.8	89.8	92.3	92.3	96.3	96.8	98.3	98.9
200	13.5	57.3	68.7	76.5	84.8	85.8	89.9	92.4	92.4	96.6	97.1	98.9	99.3
100	13.5	57.3	68.7	76.5	84.8	85.8	89.9	92.4	92.4	96.6	97.1	98.9	99.3
0	13.5	57.3	68.7	76.5	84.8	85.8	89.9	92.4	92.4	96.6	97.1	98.9	99.3

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	15.5	33.6	35.5	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	17.4	36.8	38.7	41.3	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	17.4	36.8	38.7	41.3	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 16000	17.4	36.8	38.7	41.3	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 14000	17.4	36.8	38.7	41.3	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 12000	18.1	37.4	39.4	41.9	44.5	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	19.4	40.0	42.6	45.2	47.7	47.7	49.0	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000	19.4	40.0	42.6	45.2	47.7	47.7	49.0	49.7	49.7	49.7	49.7	49.7	49.7
≥ 8000	20.7	47.1	50.3	54.8	57.4	58.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	20.7	47.7	51.0	55.5	58.1	58.7	60.0	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000	20.7	48.4	51.6	56.1	58.7	60.0	61.3	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	20.7	49.0	52.3	56.8	59.4	60.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500	20.7	49.0	52.3	56.8	59.4	60.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	21.3	51.6	54.8	59.4	61.9	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3500	21.9	52.3	55.5	60.0	62.6	63.9	65.2	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	22.6	56.1	60.0	65.2	67.7	69.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	22.6	58.7	62.6	67.7	70.3	71.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	23.2	60.0	63.9	69.7	72.3	73.6	76.1	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	23.2	60.0	63.9	69.7	72.3	73.6	76.1	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	23.9	62.6	66.5	72.3	74.8	76.1	78.7	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	24.5	63.2	67.1	72.9	75.5	76.8	79.4	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1000	25.2	64.5	70.3	76.8	79.4	80.7	83.2	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	25.2	64.5	70.3	76.8	79.4	80.7	83.2	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	25.2	65.8	71.6	78.7	81.9	83.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	25.2	65.8	72.3	79.4	82.6	83.9	86.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	25.2	66.5	72.9	80.0	83.9	85.8	88.4	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	25.2	66.5	72.9	80.0	83.9	85.8	88.4	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	25.2	66.5	72.9	80.0	83.9	85.8	88.4	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	25.2	67.1	74.2	81.3	85.2	87.1	89.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 200	25.2	67.1	74.2	81.3	85.2	87.1	89.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 100	25.2	67.1	74.2	81.3	85.2	87.1	89.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 0	25.2	67.1	74.2	81.3	85.2	87.1	89.7	92.9	92.9	92.9	92.9	92.9	92.9

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	11.0	29.7	32.3	32.3	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	12.3	31.0	34.2	34.8	38.7	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000	12.3	31.0	34.2	34.8	38.7	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	12.3	31.0	34.2	34.8	38.7	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 14000	12.3	31.0	34.2	34.8	38.7	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000	12.3	31.6	34.8	35.5	39.4	40.0	40.7	41.3	41.3	41.3	41.3	41.3	41.3
≥ 10000	13.6	34.2	38.1	38.7	42.6	43.2	43.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 9000	13.6	34.2	38.1	38.7	42.6	43.2	43.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 8000	13.6	38.1	41.9	42.6	46.5	47.1	47.7	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	13.6	38.7	42.6	43.2	47.1	47.7	48.4	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	13.6	38.7	42.6	43.9	47.7	49.0	49.7	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	13.6	38.7	43.9	45.2	49.0	50.3	51.6	52.9	52.9	52.9	52.9	52.9	52.9
≥ 4500	13.6	38.7	43.9	45.2	49.0	50.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4000	14.2	42.6	47.7	49.0	52.9	54.2	56.1	57.4	57.4	57.4	57.4	57.4	57.4
≥ 3500	14.8	43.9	49.0	50.3	54.2	55.5	57.4	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3000	16.1	47.7	52.9	54.2	58.1	59.4	62.6	64.5	64.5	64.5	65.2	65.2	65.2
≥ 2500	17.4	49.7	55.5	56.8	60.7	61.9	65.2	67.1	67.1	67.1	67.7	67.7	67.7
≥ 2000	18.7	54.2	60.7	62.6	67.1	68.4	72.3	74.2	74.2	74.2	74.8	75.5	75.5
≥ 1800	18.7	54.2	60.7	62.6	67.1	68.4	72.3	74.2	74.2	74.2	74.8	75.5	75.5
≥ 1500	20.0	57.4	63.9	65.8	71.0	72.3	77.4	79.4	79.4	79.4	80.0	80.7	80.7
≥ 1200	20.0	57.4	63.9	65.8	71.0	72.3	77.4	79.4	79.4	79.4	80.0	80.7	80.7
≥ 1000	20.0	60.0	67.1	69.0	75.5	76.8	83.2	85.2	85.2	85.2	85.8	86.5	86.5
≥ 900	20.0	60.0	67.1	69.0	75.5	76.8	83.2	85.2	85.2	85.2	85.8	86.5	86.5
≥ 800	20.0	61.3	69.0	71.0	77.4	78.7	85.8	87.7	87.7	87.7	88.4	89.0	89.0
≥ 700	20.0	61.3	69.0	71.0	77.4	78.7	85.8	87.7	87.7	87.7	88.4	89.0	89.0
≥ 600	20.0	61.3	69.0	71.6	78.1	79.4	87.1	89.0	89.0	89.0	90.3	91.0	91.0
≥ 500	20.0	61.3	69.0	71.6	78.1	79.4	87.1	89.0	89.0	89.0	90.3	91.0	91.0
≥ 400	20.0	61.3	69.0	71.6	78.7	80.7	89.0	91.0	91.0	91.0	92.3	92.9	92.9
≥ 300	20.0	61.9	69.7	72.3	79.4	81.3	90.3	92.3	92.3	92.3	93.6	94.8	94.8
≥ 200	20.0	61.9	69.7	72.3	79.4	81.3	90.3	92.3	92.3	92.3	94.2	97.4	97.4
≥ 100	20.0	61.9	69.7	72.3	79.4	81.3	90.3	92.3	92.3	92.3	94.8	98.1	98.1
0	20.0	61.9	69.7	72.3	79.4	81.3	90.3	92.3	92.3	92.3	94.8	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

JUL
MONTH

06
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.5	20.0	23.9	25.8	27.1	27.1	28.4	28.4	28.4	29.0	29.0	29.0	29.0
≥ 20000	8.4	23.9	28.4	30.3	32.3	32.9	34.2	34.2	34.2	35.5	35.5	35.5	35.5
≥ 18000	8.4	23.9	28.4	30.3	32.3	32.9	34.2	34.2	34.2	35.5	35.5	35.5	35.5
≥ 16000	8.4	23.9	28.4	30.3	32.3	32.9	34.2	34.2	34.2	35.5	35.5	35.5	35.5
≥ 14000	8.4	23.9	29.0	31.0	32.9	33.6	34.8	34.8	34.8	36.1	36.1	36.1	36.1
≥ 12000	9.0	24.5	30.3	32.3	34.8	36.1	37.4	38.1	38.1	39.4	39.4	39.4	39.4
≥ 10000	9.0	25.8	32.3	34.2	36.8	38.1	39.4	40.0	40.0	41.3	41.3	41.3	41.3
≥ 9000	9.0	26.5	32.9	34.8	37.4	38.7	40.0	40.7	40.7	41.9	41.9	41.9	41.9
≥ 8000	9.0	28.4	36.1	38.7	41.3	42.6	45.2	45.8	45.8	47.1	47.1	47.1	47.1
≥ 7000	9.0	29.7	37.4	40.0	42.6	43.9	46.5	47.1	47.1	48.4	48.4	48.4	48.4
≥ 6000	9.0	29.7	37.4	40.0	42.6	43.9	46.5	47.1	47.1	48.4	48.4	48.4	48.4
≥ 5000	9.0	30.3	38.1	40.7	43.2	44.5	47.1	47.7	47.7	49.0	49.0	49.0	49.0
≥ 4500	9.0	30.3	38.1	40.7	43.2	44.5	47.1	47.7	47.7	49.0	49.0	49.0	49.0
≥ 4000	10.3	34.2	42.6	45.2	48.4	49.7	52.3	52.9	52.9	54.2	54.2	54.2	54.2
≥ 3500	10.3	35.5	43.9	47.1	50.3	51.6	54.2	54.8	54.8	56.1	56.1	56.1	56.1
≥ 3000	12.9	38.7	47.7	52.3	56.8	58.1	61.3	61.9	61.9	63.2	63.2	63.2	63.2
≥ 2500	14.8	41.9	51.0	55.5	60.0	61.3	64.5	65.8	65.8	67.1	67.1	67.1	67.1
≥ 2000	14.8	43.9	54.2	58.7	63.2	64.5	67.7	69.7	69.7	71.0	71.0	71.0	71.0
≥ 1800	14.8	43.9	54.2	58.7	63.2	64.5	67.7	69.7	69.7	71.0	71.0	71.0	71.0
≥ 1500	16.1	45.2	55.5	60.7	65.8	67.1	71.0	72.9	72.9	74.2	74.2	74.2	74.2
≥ 1200	16.1	45.2	56.1	61.3	66.5	67.7	71.6	73.6	73.6	74.8	74.8	74.8	74.8
≥ 1000	16.1	45.2	56.1	61.3	67.7	69.7	74.8	76.8	76.8	79.4	81.3	81.3	81.3
≥ 900	16.1	45.2	56.1	61.3	67.7	69.7	74.8	76.8	76.8	79.4	81.3	81.3	81.3
≥ 800	16.1	46.5	58.1	63.9	69.7	71.0	77.4	80.0	80.0	82.6	84.5	84.5	84.5
≥ 700	16.1	46.5	58.7	64.5	70.3	72.3	78.1	80.7	80.7	83.2	85.2	85.2	85.2
≥ 600	16.1	46.5	59.4	65.2	71.6	73.6	79.4	81.9	81.9	84.5	86.5	86.5	86.5
≥ 500	16.1	46.5	59.4	65.8	72.3	74.2	81.3	83.2	83.2	85.2	87.1	87.1	87.1
≥ 400	16.1	46.5	59.4	67.1	73.6	75.5	83.2	85.2	85.2	87.1	89.1	89.1	89.1
≥ 300	16.1	46.5	59.4	67.1	73.6	75.5	83.9	85.2	85.2	87.1	89.1	89.1	89.1
≥ 200	16.1	46.5	59.4	67.1	73.6	75.5	83.9	85.2	85.2	87.1	89.1	89.1	89.1
≥ 100	16.1	46.5	59.4	67.1	73.6	75.5	83.9	85.2	85.2	87.1	89.1	89.1	89.1
0	16.1	46.5	59.4	67.1	73.6	75.5	83.9	85.2	85.2	87.1	89.1	89.1	89.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL

MONTH

09

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7.1	16.1	21.3	23.2	27.1	27.1	27.1	27.1	27.1	28.4	28.4	28.4	29.0	29.0
≥ 20000	6.4	18.1	23.2	25.8	29.7	29.7	30.3	30.3	30.3	32.3	32.3	32.3	32.9	32.9
≥ 18000	8.4	18.1	23.2	25.8	29.7	29.7	30.3	30.3	30.3	32.3	32.3	32.3	32.9	32.9
≥ 16000	8.4	18.1	23.2	25.8	29.7	29.7	30.3	30.3	30.3	32.3	32.3	32.3	32.9	32.9
≥ 14000	8.4	18.1	23.2	25.8	30.3	30.3	31.0	31.0	31.0	32.9	32.9	32.9	33.6	33.6
≥ 12000	9.7	20.7	26.5	30.3	34.8	34.8	35.5	35.5	35.5	37.4	37.4	37.4	38.1	38.1
≥ 10000	10.3	23.2	29.7	33.6	38.1	38.1	38.7	38.7	38.7	41.3	41.3	41.3	41.9	41.9
≥ 9000	10.3	23.2	30.3	34.2	38.7	38.7	39.4	39.4	39.4	41.9	41.9	41.9	42.6	42.6
≥ 8000	11.0	26.5	32.9	36.8	41.9	42.6	43.9	43.9	43.9	46.5	46.5	46.5	47.1	47.1
≥ 7000	11.0	26.5	32.9	37.4	42.6	43.9	45.2	45.2	45.2	47.7	47.7	47.7	48.4	48.4
≥ 6000	11.0	26.5	32.9	37.4	42.6	43.9	45.2	45.2	45.2	47.7	47.7	47.7	48.4	48.4
≥ 5000	11.6	28.4	35.5	40.7	45.8	47.1	48.4	49.0	49.0	51.6	51.6	51.6	52.3	52.3
≥ 4500	11.6	28.4	35.5	40.7	45.8	47.1	48.4	49.0	49.0	51.6	51.6	51.6	52.3	52.3
≥ 4000	12.3	30.3	38.7	46.5	52.3	53.6	54.8	55.5	55.5	58.1	58.1	58.1	58.7	58.7
≥ 3500	12.3	31.6	40.0	49.0	54.8	56.1	57.4	58.1	58.1	60.7	60.7	60.7	61.3	61.3
≥ 3000	12.3	33.6	41.9	52.9	58.7	60.7	61.9	62.6	62.6	65.2	65.2	65.2	65.8	65.8
≥ 2500	12.9	36.8	45.2	56.1	62.6	64.5	65.8	67.1	67.1	69.7	69.7	70.3	71.6	71.6
≥ 2000	17.4	41.9	50.3	61.3	67.7	69.7	71.6	73.6	73.6	76.1	76.1	76.8	78.1	78.1
≥ 1800	17.4	41.9	50.3	61.3	67.7	69.7	71.6	73.6	73.6	76.1	76.8	76.8	78.1	78.1
≥ 1500	18.1	43.2	51.6	62.6	70.3	72.3	75.5	77.4	77.4	80.0	80.7	80.7	81.9	81.9
≥ 1200	18.1	43.2	51.6	62.6	70.3	72.3	75.5	77.4	77.4	80.0	80.7	80.7	81.9	81.9
≥ 1000	18.1	45.2	54.2	66.5	74.8	76.8	80.0	82.6	82.6	85.8	86.5	86.5	87.7	87.7
≥ 900	18.1	45.2	54.2	66.5	74.8	76.8	80.0	82.6	82.6	85.8	86.5	86.5	87.7	87.7
≥ 800	18.1	45.8	54.8	67.1	76.1	78.1	82.6	85.2	85.2	89.0	89.7	89.7	91.0	91.0
≥ 700	18.1	45.8	54.8	67.1	76.8	78.7	83.2	85.8	85.8	89.7	90.3	90.3	91.6	91.6
≥ 600	18.1	46.5	55.5	67.7	78.7	80.7	86.5	90.3	90.3	94.2	94.8	94.8	96.1	96.1
≥ 500	18.1	46.5	55.5	67.7	78.7	80.7	86.5	90.3	90.3	94.2	94.8	94.8	96.1	96.1
≥ 400	18.1	46.5	56.1	68.4	79.4	81.3	87.1	91.6	91.6	96.1	96.8	96.8	100.0	100.0
≥ 300	18.1	46.5	56.1	68.4	79.4	81.3	87.1	91.6	91.6	96.1	96.8	96.8	100.0	100.0
≥ 200	18.1	46.5	56.1	68.4	79.4	81.3	87.1	91.6	91.6	96.1	96.8	96.8	100.0	100.0
≥ 100	18.1	46.5	56.1	68.4	79.4	81.3	87.1	91.6	91.6	96.1	96.8	96.8	100.0	100.0
≥ 0	18.1	46.5	56.1	68.4	79.4	81.3	87.1	91.6	91.6	96.1	96.8	96.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL

MONTH

12

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	12.3	23.9	29.0	32.3	36.8	36.8	38.1	39.4	39.4	40.0	40.0	40.0
≥ 20000	14.8	30.3	37.4	41.3	46.5	46.5	48.4	49.7	49.7	50.3	50.3	50.3
≥ 18000	14.8	30.3	37.4	41.3	46.5	46.5	48.4	49.7	49.7	50.3	50.3	50.3
≥ 16000	14.8	30.3	37.4	41.3	46.5	46.5	48.4	49.7	49.7	50.3	50.3	50.3
≥ 14000	16.1	31.6	38.7	42.6	47.7	47.7	49.7	51.0	51.0	51.6	51.6	51.6
≥ 12000	16.8	32.9	41.3	45.2	50.3	50.3	52.3	53.6	53.6	54.2	54.2	54.2
≥ 10000	17.4	36.1	45.8	51.0	56.8	56.8	58.7	60.0	60.0	60.7	60.7	60.7
≥ 9000	17.4	36.1	45.8	51.0	56.8	56.8	58.7	60.0	60.0	60.7	60.7	60.7
≥ 8000	18.7	40.0	50.3	55.5	61.9	62.6	64.5	66.5	66.5	67.1	67.1	67.1
≥ 7000	18.7	40.0	50.3	55.5	61.9	62.6	64.5	66.5	66.5	67.1	67.1	67.1
≥ 6000	18.7	40.0	50.3	55.5	61.9	62.6	64.5	66.5	66.5	67.1	67.1	67.1
≥ 5000	18.7	41.3	52.3	57.4	63.9	64.5	66.5	68.4	68.4	69.0	69.0	69.0
≥ 4500	18.7	41.3	52.3	57.4	63.9	64.5	66.5	68.4	68.4	69.0	69.0	69.0
≥ 4000	18.7	42.6	53.6	59.4	65.8	66.5	68.4	70.3	70.3	71.0	71.0	71.0
≥ 3500	19.4	43.2	54.2	60.0	66.5	67.1	69.0	71.0	71.0	71.6	71.6	71.6
≥ 3000	19.4	47.1	59.4	66.5	73.6	74.2	76.1	78.1	78.1	78.7	78.7	78.7
≥ 2500	20.0	49.7	61.9	69.7	76.8	77.4	79.4	81.3	81.3	81.9	81.9	81.9
≥ 2000	21.3	51.0	63.2	71.6	78.7	79.4	81.3	83.9	83.9	84.5	84.5	84.5
≥ 1800	21.3	51.0	63.2	71.6	78.7	79.4	81.3	83.9	83.9	84.5	84.5	84.5
≥ 1500	22.6	53.6	66.5	75.5	82.6	83.2	85.8	88.4	88.4	89.0	89.0	89.0
≥ 1200	22.6	53.6	66.5	75.5	82.6	83.2	85.8	88.4	88.4	89.0	89.0	89.0
≥ 1000	22.6	54.2	67.1	76.1	83.9	85.2	87.7	91.0	91.0	92.3	92.3	92.3
≥ 900	22.6	54.2	67.1	76.1	83.9	85.2	87.7	91.0	91.0	92.3	92.3	92.3
≥ 800	22.6	54.2	67.1	76.8	84.5	86.5	89.0	92.3	92.3	93.6	93.6	93.6
≥ 700	22.6	54.2	67.1	77.4	85.2	87.1	89.7	92.9	92.9	94.2	94.2	94.2
≥ 600	22.6	54.2	67.1	78.1	85.8	87.7	90.3	93.6	93.6	94.8	94.8	94.8
≥ 500	22.6	54.2	67.1	78.1	85.8	87.7	91.0	94.8	94.8	96.1	96.1	96.1
≥ 400	22.6	54.2	67.7	78.7	86.5	88.4	91.6	95.5	95.5	97.4	97.4	97.4
≥ 300	22.6	54.2	67.7	78.7	86.5	88.4	91.6	95.5	95.5	97.4	97.4	97.4
≥ 200	22.6	54.2	67.7	78.7	86.5	88.4	91.6	95.5	95.5	97.4	97.4	97.4
≥ 100	22.6	54.2	67.7	78.7	86.5	88.4	91.6	95.5	95.5	97.4	97.4	97.4
0	22.6	54.2	67.7	78.7	86.5	88.4	91.6	95.5	95.5	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL

MONTH

15

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	17.4	33.6	38.7	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	20.0	40.7	47.7	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	20.0	40.7	47.7	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	20.0	40.7	47.7	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	20.0	41.3	48.4	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	20.0	42.6	51.0	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	21.3	46.5	54.8	61.3	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	21.3	46.5	54.8	61.3	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	22.6	49.0	58.7	65.2	65.8	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	23.2	49.7	60.0	66.5	67.1	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	23.2	49.7	60.0	66.5	67.1	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	23.2	49.7	60.0	66.5	67.1	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	23.2	49.7	60.0	66.5	67.1	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	23.2	51.0	62.6	69.0	69.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	23.9	52.9	65.8	72.3	72.9	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	25.2	56.1	69.7	76.8	78.1	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	25.2	56.8	71.6	78.7	80.0	80.7	81.3	81.9	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	25.2	57.4	72.3	79.4	80.7	81.3	82.6	83.9	83.9	84.5	84.5	84.5	84.5	84.5
≥ 1800	25.2	57.4	72.3	79.4	80.7	81.3	82.6	83.9	83.9	84.5	84.5	84.5	84.5	84.5
≥ 1500	25.8	60.0	75.5	83.2	84.5	85.2	86.5	88.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	25.8	60.0	75.5	83.2	84.5	85.2	87.1	89.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	26.5	61.3	76.8	84.5	85.8	87.1	89.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	26.5	61.3	76.8	84.5	85.8	87.1	89.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	26.5	61.3	76.8	85.8	87.1	88.4	90.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	26.5	61.3	76.8	85.8	87.7	89.0	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	26.5	61.3	76.8	86.5	89.0	90.3	92.3	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	26.5	61.9	77.4	87.1	90.3	92.3	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	26.5	61.9	77.4	87.1	90.3	92.3	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	26.5	61.9	77.4	87.1	90.3	92.3	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	26.5	61.9	77.4	87.1	90.3	92.3	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	26.5	61.9	77.4	87.1	90.3	92.3	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	26.5	61.9	77.4	87.1	90.3	92.3	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATIONYUKOSUKA, JAPAN
STATION NAME

73-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	18.7	29.7	35.5	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 2000	20.0	38.7	46.5	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1800	20.0	38.7	46.5	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1600	20.0	38.7	46.5	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1400	20.7	39.4	47.1	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 1200	20.7	41.3	50.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1000	21.3	45.2	54.8	56.8	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1
≥ 900	21.3	45.2	54.8	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7
≥ 800	23.9	51.0	60.7	63.2	64.5	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8
≥ 700	24.5	52.3	61.9	64.5	65.8	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1
≥ 600	24.5	52.3	61.9	64.5	65.8	65.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1
≥ 500	24.5	54.2	64.5	67.1	68.4	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7
≥ 4500	24.5	54.8	65.2	67.7	69.0	69.0	69.7	69.7	70.3	70.3	70.3	70.3	70.3
≥ 4000	25.8	57.4	67.7	72.3	73.6	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8
≥ 3500	26.5	58.1	68.4	73.6	74.8	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1
≥ 3000	27.1	61.3	71.6	76.8	78.1	78.1	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 2500	27.1	63.2	73.6	78.7	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3
≥ 2000	27.1	63.2	75.5	81.3	82.6	82.6	83.9	83.9	85.2	85.2	85.2	85.2	85.2
≥ 1800	27.1	63.2	75.5	81.3	82.6	82.6	83.9	83.9	85.2	85.2	85.2	85.2	85.2
≥ 1500	28.4	67.7	80.0	85.8	87.1	87.1	89.0	89.7	91.6	91.6	91.6	91.6	91.6
≥ 1200	28.4	67.7	80.0	85.8	87.1	87.1	89.0	89.7	91.6	91.6	91.6	91.6	91.6
≥ 1000	28.4	67.7	80.7	86.5	87.7	87.7	89.7	90.3	92.3	92.3	92.9	92.9	92.9
≥ 900	28.4	67.7	80.7	86.5	87.7	87.7	89.7	90.3	92.3	92.3	92.9	92.9	92.9
≥ 800	28.4	68.4	81.9	88.4	91.0	91.0	92.9	93.6	95.5	95.5	96.1	96.1	96.1
≥ 700	28.4	68.4	81.9	88.4	91.6	91.6	93.6	94.2	96.1	96.1	96.8	96.8	96.8
≥ 600	28.4	68.4	82.6	89.0	92.9	92.9	94.8	95.5	97.4	97.4	98.1	98.1	98.1
≥ 500	28.4	68.4	82.6	89.0	92.9	92.9	94.8	96.1	98.1	98.1	98.7	98.7	98.7
≥ 400	28.4	68.4	82.6	89.0	92.9	92.9	94.8	96.1	98.1	98.1	98.7	98.7	98.7
≥ 300	28.4	68.4	82.6	89.0	92.9	92.9	95.5	96.8	98.7	98.7	99.4	99.4	99.4
≥ 200	28.4	68.4	82.6	89.0	92.9	92.9	95.5	96.8	98.7	98.7	99.4	99.4	99.4
≥ 100	28.4	68.4	82.6	89.0	92.9	92.9	95.5	96.8	98.7	98.7	99.4	99.4	99.4
0	28.4	68.4	82.6	89.0	92.9	92.9	95.5	96.8	98.7	98.7	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YUKOSUKA, JAPAN

STATION NAME

73-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	13.6	37.4	38.7	39.4	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	14.8	41.9	43.9	45.2	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	14.8	41.9	43.9	45.2	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	14.8	41.9	43.9	45.2	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	14.8	41.9	43.9	45.2	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	15.5	43.2	45.2	46.5	48.4	48.4	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	17.4	47.1	49.0	51.0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	17.4	47.1	49.0	51.0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000	17.4	49.7	51.6	53.6	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	17.4	50.3	52.3	54.2	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	17.4	50.3	52.3	54.2	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	17.4	51.0	52.9	54.8	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	17.4	51.0	52.9	54.8	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	18.7	54.2	57.4	60.0	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	19.4	56.1	59.4	61.9	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	20.0	58.7	63.9	67.1	72.9	72.9	73.6	73.6	73.6	74.2	74.2	74.2
≥ 2500	20.7	61.9	67.1	70.3	76.1	76.1	76.8	76.8	76.8	77.4	78.1	78.1
≥ 2000	21.3	63.9	69.7	73.6	79.4	79.4	80.0	80.0	80.0	80.7	81.3	81.3
≥ 1800	21.3	63.9	69.7	73.6	79.4	79.4	80.0	80.0	80.0	80.7	81.3	81.3
≥ 1500	21.9	64.5	71.6	75.3	81.3	81.3	81.9	81.9	81.9	84.5	85.2	85.2
≥ 1200	22.6	65.2	72.9	76.8	82.6	82.6	83.2	83.2	83.2	85.8	86.5	86.5
≥ 1000	23.9	67.7	75.5	80.0	87.7	87.7	88.4	88.4	88.4	91.0	91.6	91.6
≥ 900	23.9	67.7	75.5	80.0	87.7	87.7	88.4	88.4	88.4	91.0	91.6	91.6
≥ 800	23.9	69.7	77.4	81.9	90.3	90.3	91.0	91.6	91.6	94.2	94.8	94.8
≥ 700	23.9	69.7	77.4	81.9	90.3	90.3	91.0	91.6	91.6	94.2	94.8	94.8
≥ 600	23.9	69.7	77.4	81.9	90.3	90.3	91.0	91.6	91.6	94.2	94.8	94.8
≥ 500	24.5	71.0	79.4	83.9	92.9	92.9	93.6	94.2	94.2	96.8	97.4	98.1
≥ 400	24.5	71.0	79.4	83.9	92.9	92.9	93.6	94.2	94.2	96.8	97.4	98.1
≥ 300	24.5	71.0	79.4	83.9	93.6	93.6	94.2	95.5	95.5	98.1	98.7	98.7
≥ 200	24.5	71.0	79.4	83.9	93.6	93.6	94.8	95.5	95.5	98.1	98.7	98.7
≥ 100	24.5	71.0	79.4	83.9	93.6	93.6	94.8	95.5	95.5	98.1	98.7	98.7
≥ 0	24.5	71.0	79.4	83.9	93.6	93.6	94.8	95.5	95.5	98.1	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	12.7	28.0	31.9	33.6	35.7	35.8	36.2	36.4	36.7	36.7	36.8	36.8
≥ 20000	14.5	32.7	37.5	40.1	42.7	42.8	43.6	43.8	44.3	44.3	44.4	44.4
≥ 18000	14.5	32.7	37.5	40.1	42.7	42.8	43.6	43.8	44.3	44.3	44.4	44.4
≥ 16000	14.5	32.7	37.5	40.1	42.7	42.8	43.6	43.8	44.3	44.3	44.4	44.4
≥ 14000	14.8	33.0	37.9	40.5	43.2	43.3	44.0	44.3	44.8	44.8	44.8	44.9
≥ 12000	15.2	34.3	39.8	42.6	45.3	45.6	46.3	46.6	47.1	47.1	47.2	47.3
≥ 10000	16.2	37.3	43.4	46.5	49.4	49.6	50.3	51.0	51.6	51.6	51.7	51.8
≥ 9000	16.2	37.4	43.6	46.7	49.6	49.8	50.7	51.2	51.9	51.9	51.9	52.0
≥ 8000	17.1	41.2	47.8	51.3	54.5	55.1	56.3	57.0	57.7	57.7	57.7	57.8
≥ 7000	17.3	41.9	48.6	52.1	55.3	56.0	57.2	57.9	58.6	58.6	58.6	58.7
≥ 6000	17.3	41.9	48.6	52.2	55.5	56.3	57.5	58.2	58.9	58.9	59.0	59.0
≥ 5000	17.3	42.8	49.9	53.6	56.9	57.7	59.0	59.8	60.4	60.4	60.5	60.6
≥ 4500	17.3	42.9	50.0	53.7	56.9	57.7	59.1	59.9	60.6	60.6	60.7	60.7
≥ 4000	18.1	45.5	53.2	57.6	61.1	61.9	63.3	64.1	64.8	64.8	64.9	65.0
≥ 3500	18.6	46.7	54.5	59.3	63.0	63.8	65.2	66.0	66.6	66.6	66.9	66.9
≥ 3000	19.4	49.9	58.4	64.0	68.0	68.9	70.6	71.5	72.2	72.6	72.7	72.7
≥ 2500	20.1	52.3	61.1	66.7	70.8	71.7	73.5	74.6	75.3	75.8	76.1	76.1
≥ 2000	21.1	54.4	63.7	69.8	74.0	74.8	76.9	78.3	79.2	79.8	80.1	80.2
≥ 1800	21.1	54.4	63.7	69.8	74.0	74.8	76.9	78.3	79.2	79.8	80.1	80.2
≥ 1500	22.1	56.8	66.4	72.7	77.2	78.1	80.7	82.3	83.6	84.2	84.5	84.6
≥ 1200	22.3	56.9	66.7	73.0	77.5	78.4	81.1	82.7	84.0	84.6	84.9	85.0
≥ 1000	22.6	58.2	68.5	75.2	80.3	81.5	84.5	86.2	87.9	88.6	89.0	89.1
≥ 900	22.6	58.2	68.5	75.2	80.3	81.5	84.5	86.2	87.9	88.6	89.0	89.1
≥ 800	22.6	59.1	69.6	76.7	82.3	83.5	86.9	88.7	90.5	91.2	91.7	91.8
≥ 700	22.6	59.1	69.6	76.7	82.3	83.5	86.9	88.7	90.5	91.2	91.7	91.8
≥ 600	22.6	59.3	70.1	77.5	83.9	85.2	88.8	91.0	92.8	93.6	94.1	94.2
≥ 500	22.7	59.5	70.4	77.9	84.4	85.7	89.7	92.4	94.4	95.3	96.1	96.1
≥ 400	22.7	59.5	70.6	78.2	84.8	86.2	90.3	93.3	95.5	96.4	97.5	97.7
≥ 300	22.7	59.7	70.8	78.5	85.1	86.5	90.9	93.9	96.1	96.9	98.2	98.5
≥ 200	22.7	59.7	70.8	78.5	85.1	86.5	90.9	93.9	96.1	97.2	98.6	99.4
≥ 100	22.7	59.7	70.8	78.5	85.1	86.5	90.9	93.9	96.1	97.3	98.8	99.7
≥ 0	22.7	59.7	70.8	78.5	85.1	86.5	90.9	93.9	96.1	97.3	98.9	100.0

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	12.9	31.6	33.6	36.1	38.1	39.4	40.0	40.0	40.0	40.7	40.7	40.7	40.7
≥ 20000	14.8	34.2	38.1	40.7	42.6	43.9	44.5	44.5	44.5	45.2	45.2	45.2	45.2
≥ 18000	14.8	34.2	38.1	40.7	42.6	43.9	44.5	44.5	44.5	45.2	45.2	45.2	45.2
≥ 16000	14.8	34.2	38.1	40.7	42.6	43.9	44.5	44.5	44.5	45.2	45.2	45.2	45.2
≥ 14000	14.8	34.2	38.1	40.7	42.6	43.9	44.5	44.5	44.5	45.2	45.2	45.2	45.2
≥ 12000	15.5	36.1	40.0	42.6	44.5	45.8	46.5	46.5	46.5	47.1	47.1	47.1	47.1
≥ 10000	16.8	40.0	44.5	47.1	51.0	52.3	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 9000	16.8	40.0	44.5	47.1	51.0	52.3	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 8000	16.1	46.5	51.0	53.6	58.1	59.4	60.7	60.7	60.7	61.3	61.3	61.3	61.3
≥ 7000	19.4	47.7	52.3	55.5	60.0	61.3	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 6000	19.4	47.7	52.3	55.5	60.0	61.3	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 5000	19.4	50.3	54.8	58.1	62.6	63.9	65.2	65.2	65.2	65.8	65.8	65.8	65.8
≥ 4500	19.4	51.0	55.5	58.7	63.2	64.5	65.8	65.8	65.8	66.5	66.5	66.5	66.5
≥ 4000	20.0	53.6	58.7	61.9	67.1	68.4	69.7	69.7	69.7	70.3	70.3	70.3	70.3
≥ 3500	20.0	55.5	60.7	65.2	70.3	71.6	72.9	72.9	72.9	73.6	73.6	73.6	73.6
≥ 3000	20.0	61.3	67.1	71.6	77.4	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 2500	20.0	62.6	68.4	72.9	78.7	80.0	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 2000	20.7	63.9	69.7	74.8	81.3	82.6	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 1800	20.7	63.9	69.7	74.8	81.3	82.6	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 1500	20.7	65.8	71.6	76.8	84.5	85.8	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 1200	20.7	65.8	71.6	76.8	84.5	85.8	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 1000	22.6	69.7	75.1	81.9	89.7	91.0	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 900	22.6	69.7	75.1	81.9	89.7	91.0	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 800	22.6	72.3	78.7	84.5	92.3	93.6	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 700	22.6	72.3	78.7	84.5	92.3	93.6	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 600	22.6	72.3	79.4	85.2	92.9	94.2	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 500	22.6	72.9	80.0	85.8	94.8	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 400	22.6	72.9	80.0	85.8	94.8	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 300	22.6	72.9	80.0	85.8	94.8	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 200	22.6	72.9	80.0	85.8	94.8	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 100	22.6	72.9	80.0	85.8	94.8	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 0	22.6	72.9	80.0	85.8	94.8	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	11.6	31.6	32.3	34.2	35.5	36.1	40.0	40.0	40.0	40.0	40.0
≥ 20000	12.3	34.8	36.8	39.4	41.3	41.9	45.8	45.8	45.8	45.8	45.8
18000	12.3	34.8	36.8	39.4	41.3	41.9	45.8	45.8	45.8	45.8	45.8
16000	12.3	34.8	36.8	39.4	41.3	41.9	45.8	45.8	45.8	45.8	45.8
14000	12.3	34.8	36.8	39.4	41.3	41.9	45.8	45.8	45.8	45.8	45.8
12000	12.3	36.1	38.1	40.7	42.6	43.2	47.1	47.1	47.1	47.1	47.1
10000	13.6	38.7	41.3	43.9	46.5	47.1	51.0	51.0	51.0	51.0	51.0
9000	13.6	39.4	41.9	44.5	47.1	47.7	51.6	51.6	51.6	51.6	51.6
8000	16.1	44.5	48.4	52.3	55.5	56.1	60.0	60.7	61.3	61.3	61.3
7000	16.8	45.8	49.7	53.6	57.4	58.1	61.9	62.6	63.2	63.2	63.2
6000	17.4	46.5	50.3	54.2	58.1	58.7	62.6	63.2	63.9	63.9	63.9
5000	17.4	47.7	51.6	55.5	59.4	60.0	63.9	64.5	65.2	65.2	65.2
4500	17.4	47.7	51.6	55.5	59.4	60.0	63.9	64.5	65.2	65.2	65.2
4000	18.7	51.0	55.5	59.4	63.2	63.9	67.7	68.4	69.0	69.0	69.0
3500	18.7	52.3	56.8	60.7	65.2	65.8	69.7	70.3	71.0	71.0	71.0
3000	18.7	54.8	60.0	65.2	69.7	71.0	74.8	75.5	76.1	76.1	76.1
2500	20.0	58.1	63.2	69.0	73.6	74.8	78.7	79.4	80.0	80.0	80.0
2000	20.0	62.6	68.4	74.8	79.4	80.7	84.5	85.2	85.8	85.8	85.8
1800	20.0	62.6	68.4	74.8	79.4	80.7	84.5	85.2	85.8	85.8	85.8
1500	20.0	65.2	71.6	78.1	83.2	84.5	88.4	89.0	89.7	89.7	89.7
1200	20.0	65.8	72.3	78.7	83.9	85.2	89.0	89.7	90.3	90.3	90.3
1000	20.7	68.4	74.8	81.3	86.5	87.7	91.6	92.3	92.9	92.9	92.9
900	20.7	68.4	74.8	81.3	86.5	87.7	91.6	92.3	92.9	92.9	92.9
800	20.7	69.7	77.4	84.5	90.3	91.6	96.1	96.8	97.4	97.4	98.1
700	20.7	69.7	77.4	84.5	90.3	91.6	96.1	96.8	97.4	97.4	98.1
600	20.7	69.7	77.4	84.5	90.3	91.6	96.1	96.8	97.4	97.4	98.1
500	20.7	70.3	78.1	85.2	91.0	92.3	96.8	97.4	98.1	98.1	99.4
400	20.7	70.3	78.1	85.2	91.0	92.3	96.8	97.4	98.1	98.1	99.4
300	20.7	70.3	78.1	85.2	91.0	92.3	96.8	97.4	98.1	98.1	99.4
200	20.7	70.3	78.1	85.2	91.0	92.3	97.4	98.1	98.7	98.7	100.0
100	20.7	70.3	78.1	85.2	91.0	92.3	97.4	98.1	98.7	98.7	100.0
0	20.7	70.3	78.1	85.2	91.0	92.3	97.4	98.1	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

AUG
MONTH

06

HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	9.7	20.7	24.5	28.4	31.6	31.6	32.9	32.9	32.9	33.6	34.2	34.2	34.2
≥ 20000	14.8	27.7	31.6	36.1	39.4	39.4	41.3	41.3	41.3	41.9	43.2	43.2	43.2
≥ 18000	14.8	27.7	31.6	36.1	39.4	39.4	41.3	41.3	41.3	41.9	43.2	43.2	43.2
≥ 16000	14.8	27.7	31.6	36.1	39.4	39.4	41.3	41.3	41.3	41.9	43.2	43.2	43.2
≥ 14000	14.8	27.7	31.6	36.1	39.4	39.4	41.3	41.3	41.3	41.9	43.2	43.2	43.2
≥ 12000	14.8	27.7	31.6	36.1	39.4	39.4	41.3	41.3	41.3	41.9	43.2	43.2	43.2
≥ 10000	15.5	31.6	35.5	40.0	43.2	43.2	45.2	45.2	45.2	45.8	47.1	47.1	47.1
≥ 9000	15.5	31.6	36.1	40.7	43.9	43.9	45.8	45.8	45.8	46.5	47.7	47.7	47.7
≥ 8000	16.1	36.1	40.7	46.5	50.3	50.3	52.9	52.9	52.9	54.2	55.5	55.5	55.5
≥ 7000	16.8	36.8	41.3	47.1	51.0	51.0	53.6	53.6	53.6	54.8	56.1	56.1	56.1
≥ 6000	16.8	36.8	41.3	47.1	51.0	51.0	53.6	53.6	53.6	54.8	56.1	56.1	56.1
≥ 5000	16.8	38.1	42.6	48.4	52.3	52.3	54.8	54.8	54.8	56.1	57.4	57.4	57.4
≥ 4500	16.8	38.7	43.2	49.7	53.6	53.6	56.1	56.1	56.1	57.4	58.7	58.7	58.7
≥ 4000	17.4	40.7	45.2	51.6	55.5	55.5	58.1	58.1	58.1	59.4	60.7	60.7	60.7
≥ 3500	18.7	43.2	48.4	54.8	58.7	58.7	61.3	61.3	61.3	62.6	63.9	63.9	63.9
≥ 3000	18.7	47.1	52.9	60.0	65.2	65.2	69.0	69.0	69.0	70.3	71.6	71.6	71.6
≥ 2500	19.4	49.0	54.8	61.9	67.1	67.1	71.0	71.0	71.0	72.9	74.2	74.2	74.2
≥ 2000	19.4	52.3	58.7	65.8	72.3	72.3	76.1	76.1	76.1	78.1	79.4	79.4	79.4
≥ 1800	19.4	52.3	58.7	65.8	72.3	72.3	76.1	76.1	76.1	78.1	79.4	79.4	79.4
≥ 1500	19.4	53.6	61.3	69.0	76.1	76.1	80.0	80.0	80.0	81.9	83.2	83.2	83.2
≥ 1200	19.4	53.6	61.3	69.0	76.1	76.1	80.0	80.0	80.0	81.9	83.2	83.2	83.2
≥ 1000	20.7	56.8	64.5	72.3	79.4	80.0	84.5	84.5	84.5	86.5	88.4	88.4	88.4
≥ 900	20.7	56.8	64.5	72.3	79.4	80.0	84.5	84.5	84.5	86.5	88.4	88.4	88.4
≥ 800	20.7	58.1	66.5	76.1	83.9	85.2	89.7	89.7	89.7	92.3	94.2	94.2	94.2
≥ 700	20.7	59.4	67.7	77.4	85.2	86.5	91.0	91.0	91.0	93.6	95.5	95.5	95.5
≥ 600	20.7	59.4	67.7	77.4	85.2	86.5	92.3	92.3	92.3	95.5	97.4	97.4	97.4
≥ 500	20.7	60.0	68.4	78.1	85.8	87.1	92.9	93.6	93.6	96.1	98.1	98.1	98.1
≥ 400	20.7	60.0	68.4	78.1	85.8	87.1	92.9	93.6	93.6	96.1	98.1	98.1	98.1
≥ 300	20.7	60.7	69.0	78.7	86.5	87.7	93.6	94.2	94.2	96.8	98.7	98.7	98.7
≥ 200	20.7	60.7	69.0	78.7	86.5	87.7	93.6	94.2	94.2	96.8	98.7	98.7	98.7
≥ 100	20.7	60.7	69.0	78.7	86.5	87.7	93.6	94.2	94.2	96.8	98.7	98.7	98.7
≥ 0	20.7	60.7	69.0	78.7	86.5	87.7	93.6	94.2	94.2	96.8	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	8.4	14.8	19.4	23.9	28.4	28.4	29.7	32.3	32.3	32.9	32.9	33.6	33.6
≥ 20000	10.3	18.7	23.9	29.0	33.6	33.6	34.8	38.1	38.1	39.4	39.4	40.0	40.0
≥ 18000	10.3	18.7	23.9	29.0	33.6	33.6	34.8	38.1	38.1	39.4	39.4	40.0	40.0
≥ 16000	10.3	18.7	23.9	29.0	33.6	33.6	34.8	38.1	38.1	39.4	39.4	40.0	40.0
≥ 14000	11.0	20.0	25.2	30.3	34.8	34.8	36.1	39.4	39.4	40.7	40.7	41.3	41.3
≥ 12000	11.0	21.3	26.5	31.6	36.1	36.1	36.7	41.9	41.9	43.2	43.2	43.9	43.9
≥ 10000	12.9	27.1	33.6	38.7	43.9	44.5	47.1	50.3	50.3	51.6	51.6	52.3	52.3
≥ 9000	12.9	27.1	34.2	39.4	44.5	45.2	47.7	51.0	51.0	52.3	52.3	52.9	52.9
≥ 8000	12.9	29.7	37.4	42.6	49.0	49.7	52.3	56.1	56.1	57.4	57.4	58.1	58.1
≥ 7000	12.9	29.7	37.4	42.6	49.7	50.3	52.9	56.8	56.8	58.1	58.1	58.7	58.7
≥ 6000	12.9	29.7	37.4	42.6	49.7	50.3	52.9	56.8	56.8	58.1	58.1	58.7	58.7
≥ 5000	13.6	30.3	38.1	43.2	50.3	51.0	53.6	57.4	57.4	58.7	58.7	59.4	59.4
≥ 4500	13.6	30.3	38.1	43.2	50.3	51.0	53.6	57.4	57.4	58.7	58.7	59.4	59.4
≥ 4000	14.2	32.3	40.7	46.5	54.2	54.8	57.4	61.3	61.3	62.6	62.6	63.2	63.2
≥ 3500	14.8	32.9	41.9	47.7	56.1	56.8	59.4	63.2	63.2	64.5	64.5	65.2	65.2
≥ 3000	14.8	36.8	47.1	54.8	63.2	64.5	67.1	71.0	71.0	72.3	72.3	72.9	72.9
≥ 2500	14.8	38.1	49.7	58.1	66.5	67.7	70.3	74.2	74.2	75.5	75.5	76.1	76.1
≥ 2000	16.1	41.9	54.2	62.6	71.0	72.3	74.8	78.7	78.7	80.7	81.3	81.9	81.9
≥ 1800	16.1	41.9	54.2	62.6	71.0	72.3	74.8	78.7	78.7	80.7	81.3	81.9	81.9
≥ 1500	16.8	43.9	56.8	65.8	74.2	75.5	78.1	82.6	82.6	84.5	85.2	85.8	85.8
≥ 1200	17.4	44.5	57.4	66.5	74.8	76.1	78.7	83.2	83.2	85.2	85.8	86.5	86.5
≥ 1000	17.4	46.5	59.4	69.0	78.7	80.0	83.2	88.4	88.4	91.0	91.6	92.3	92.3
≥ 900	17.4	46.5	59.4	69.0	78.7	80.0	83.2	88.4	88.4	91.0	91.6	92.3	92.3
≥ 800	17.4	47.1	62.6	72.3	81.9	83.2	87.7	93.6	93.6	96.1	96.8	97.4	97.4
≥ 700	17.4	47.1	62.6	72.3	81.9	83.2	87.7	94.2	94.2	96.8	97.4	98.1	98.1
≥ 600	17.4	47.1	62.6	72.3	81.9	83.2	87.7	94.2	94.2	96.8	97.4	98.1	98.1
≥ 500	18.1	47.7	63.2	73.6	83.2	84.5	89.0	95.5	95.5	98.1	98.7	99.4	99.4
≥ 400	18.1	47.7	63.2	73.6	83.2	84.5	89.0	95.5	95.5	98.1	98.7	99.4	99.4
≥ 300	18.1	47.7	63.2	73.6	83.2	84.5	89.0	95.5	95.5	98.1	98.7	99.4	99.4
≥ 200	18.1	47.7	63.2	73.6	83.2	84.5	89.0	95.5	95.5	98.1	98.7	99.4	99.4
≥ 100	18.1	47.7	63.2	73.6	83.2	84.5	89.0	95.5	95.5	98.1	98.7	99.4	99.4
0	18.1	47.7	63.2	73.6	83.2	84.5	89.0	95.5	95.5	98.1	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323 STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.2	29.7	34.8	38.1	40.0	40.0	40.7	41.3	41.3	41.3	41.3	41.3	41.9	41.9
≥ 20000	18.1	36.1	43.9	47.7	49.7	49.7	50.3	51.6	51.6	51.6	51.6	51.6	52.3	52.3
≥ 18000	18.1	36.8	44.5	48.4	50.3	50.3	51.0	52.3	52.3	52.3	52.3	52.3	52.9	52.9
≥ 16000	18.1	36.8	44.5	48.4	50.3	50.3	51.0	52.3	52.3	52.3	52.3	52.3	52.9	52.9
≥ 14000	18.1	37.4	45.2	50.3	52.3	52.3	52.9	54.2	54.2	54.2	54.2	54.8	54.8	54.8
≥ 12000	18.7	38.7	46.5	51.6	53.6	53.6	54.2	55.5	55.5	55.5	55.5	56.1	56.1	56.1
≥ 10000	21.3	43.2	51.6	56.8	58.7	58.7	60.0	61.9	61.9	61.9	61.9	62.6	62.6	62.6
≥ 9000	21.3	43.2	51.6	56.8	58.7	58.7	60.0	61.9	61.9	61.9	61.9	62.6	62.6	62.6
≥ 8000	21.3	45.2	53.6	59.4	61.3	61.3	62.6	64.5	64.5	64.5	64.5	65.2	65.2	65.2
≥ 7000	21.3	45.2	54.8	60.7	62.6	62.6	63.9	65.8	65.8	65.8	65.8	66.5	66.5	66.5
≥ 6000	21.3	45.2	54.8	60.7	62.6	62.6	63.9	65.8	65.8	65.8	65.8	66.5	66.5	66.5
≥ 5000	21.9	47.1	57.4	63.2	65.2	65.2	66.5	68.4	68.4	68.4	68.4	69.0	69.0	69.0
≥ 4500	21.9	47.1	57.4	63.2	65.2	65.2	66.5	68.4	68.4	68.4	68.4	69.0	69.0	69.0
≥ 4000	22.6	47.7	58.1	65.2	68.4	68.4	69.7	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 3500	22.6	49.7	60.0	67.1	70.3	70.3	71.6	73.6	73.6	73.6	73.6	74.8	74.8	74.8
≥ 3000	23.2	52.9	63.9	71.6	74.8	74.8	76.8	78.7	78.7	79.4	79.4	80.0	80.0	80.0
≥ 2500	23.2	54.2	65.2	73.6	76.8	76.8	78.7	80.7	80.7	81.3	81.3	81.9	81.9	81.9
≥ 2000	23.2	54.8	66.5	76.1	80.0	80.0	81.9	83.9	83.9	85.2	85.2	85.8	85.8	85.8
≥ 1800	23.2	54.8	66.5	76.1	80.0	80.0	81.9	83.9	83.9	85.2	85.2	85.8	85.8	85.8
≥ 1500	23.9	57.4	69.7	80.0	83.9	83.9	85.8	87.7	87.7	89.0	89.0	89.7	89.7	89.7
≥ 1200	23.9	57.4	69.7	80.0	83.9	83.9	85.8	87.7	87.7	89.0	89.0	89.7	89.7	89.7
≥ 1000	23.9	57.4	72.3	82.6	87.1	87.1	89.0	91.0	91.0	92.3	92.3	93.6	93.6	93.6
≥ 900	23.9	57.4	72.3	82.6	87.1	87.1	89.0	91.0	91.0	92.3	92.3	93.6	93.6	93.6
≥ 800	23.9	58.7	73.6	85.2	89.7	89.7	91.0	92.3	92.3	93.6	93.6	94.2	94.2	94.2
≥ 700	23.9	58.7	73.6	85.2	89.7	89.7	91.0	92.3	92.3	93.6	93.6	94.2	94.2	94.2
≥ 600	23.9	58.7	74.8	86.5	91.0	91.0	92.3	93.6	93.6	94.2	94.2	95.5	95.5	95.5
≥ 500	23.9	58.7	74.8	86.5	91.0	91.0	92.3	93.6	93.6	94.2	94.2	95.5	95.5	95.5
≥ 400	23.9	58.7	74.8	86.5	91.0	91.0	92.3	93.6	93.6	94.2	94.2	95.5	95.5	95.5
≥ 300	23.9	58.7	74.8	86.5	91.0	91.0	92.3	93.6	93.6	94.2	94.2	95.5	95.5	95.5
≥ 200	23.9	58.7	74.8	86.5	91.0	91.0	92.3	93.6	93.6	94.2	94.2	95.5	95.5	95.5
≥ 100	23.9	58.7	74.8	86.5	91.0	91.0	92.3	93.6	93.6	94.2	94.2	95.5	95.5	95.5
≥ 0	23.9	58.7	74.8	86.5	91.0	91.0	92.3	93.6	93.6	94.2	94.2	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	18.1	34.2	36.1	38.1	38.7	38.7	40.0	40.0	40.0	40.7	40.7	40.7
≥ 20000	23.9	43.9	46.5	50.3	51.0	51.0	52.3	52.3	52.3	52.9	52.9	52.9
≥ 18000	23.9	43.9	46.5	50.3	51.0	51.0	52.3	52.3	52.3	52.9	52.9	52.9
≥ 16000	23.9	43.9	46.5	50.3	51.0	51.0	52.3	52.3	52.3	52.9	52.9	52.9
≥ 14000	24.5	45.2	47.7	51.6	52.3	52.3	53.6	53.6	53.6	54.2	54.2	54.2
≥ 12000	25.2	47.1	50.3	54.2	54.8	54.8	56.1	56.1	56.1	56.8	56.8	56.8
≥ 10000	27.1	51.0	54.8	59.4	60.0	60.7	61.9	61.9	61.9	62.6	62.6	62.6
≥ 9000	27.1	51.6	55.5	60.0	60.7	61.3	62.6	62.6	62.6	63.2	63.2	63.2
≥ 8000	29.0	56.8	61.9	66.5	67.1	67.7	69.0	69.0	69.0	69.7	69.7	69.7
≥ 7000	29.0	56.8	61.9	66.5	67.1	67.7	69.0	69.0	69.0	69.7	69.7	69.7
≥ 6000	29.0	57.4	62.6	67.1	67.7	68.4	69.7	69.7	69.7	70.3	70.3	70.3
≥ 5000	29.7	59.4	65.2	69.7	70.3	71.0	72.3	72.3	72.3	72.9	72.9	72.9
≥ 4500	29.7	59.4	65.2	69.7	70.3	71.0	72.3	72.3	72.3	72.9	72.9	72.9
≥ 4000	29.7	60.0	66.5	72.3	73.6	74.2	75.5	75.5	75.5	76.8	76.8	76.8
≥ 3500	29.7	60.0	67.1	72.9	74.2	74.8	76.1	76.8	76.8	78.1	78.1	78.1
≥ 3000	30.3	61.9	69.0	76.1	77.4	78.1	79.4	80.0	80.0	81.3	81.3	81.3
≥ 2500	31.0	63.9	71.0	78.1	79.4	80.0	81.3	81.9	81.9	83.2	83.2	83.2
≥ 2000	32.9	65.8	72.9	80.0	81.3	81.9	83.2	84.5	84.5	85.8	85.8	85.8
≥ 1800	32.9	65.8	72.9	80.0	81.3	81.9	83.2	84.5	84.5	85.8	85.8	85.8
≥ 1500	32.9	67.1	74.8	81.9	83.9	84.5	85.8	87.1	87.1	88.4	88.4	88.4
≥ 1200	32.9	67.1	74.8	81.9	83.9	84.5	85.8	87.1	87.1	88.4	88.4	88.4
≥ 1000	32.9	68.4	78.1	85.2	89.0	89.7	91.0	92.3	92.3	93.6	93.6	93.6
≥ 900	32.9	68.4	78.1	85.2	89.0	89.7	91.0	92.3	92.3	93.6	93.6	93.6
≥ 800	32.9	68.4	78.1	85.2	89.0	90.3	92.3	93.6	93.6	94.8	94.8	94.8
≥ 700	32.9	69.0	78.7	85.8	89.7	91.0	92.9	94.2	94.2	95.5	95.5	95.5
≥ 600	32.9	69.0	78.7	86.5	90.3	91.6	93.6	94.8	94.8	96.1	96.1	96.1
≥ 500	33.6	70.3	80.0	87.7	91.6	92.9	94.8	96.8	97.4	99.4	99.4	99.4
≥ 400	33.6	70.3	80.0	87.7	91.6	92.9	94.8	96.8	97.4	99.4	99.4	99.4
≥ 300	33.6	70.3	80.0	87.7	91.6	92.9	94.8	96.8	97.4	99.4	99.4	99.4
≥ 200	33.6	70.3	80.0	87.7	91.6	92.9	94.8	96.8	97.4	99.4	99.4	99.4
≥ 100	33.6	70.3	80.0	87.7	91.6	92.9	94.8	96.8	97.4	99.4	99.4	99.4
≥ 0	33.6	70.3	80.0	87.7	91.6	92.9	94.8	96.8	97.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	11.6	21.9	27.1	29.0	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000	19.4	36.1	42.6	45.8	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000	20.0	36.8	43.9	47.1	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	20.0	36.8	43.9	47.1	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	20.0	36.8	43.9	47.1	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 12000	20.0	38.1	45.2	48.4	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	21.9	41.9	51.6	55.5	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	21.9	41.9	51.6	55.5	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	25.2	50.3	60.0	64.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	25.8	51.6	61.3	65.8	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	25.8	51.6	61.3	65.8	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	25.8	52.9	63.2	68.4	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	25.8	53.6	63.9	69.0	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	25.8	54.8	65.8	71.6	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	25.8	56.1	68.4	74.2	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	27.7	60.0	72.3	78.1	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	29.0	61.3	73.6	79.4	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	29.7	62.6	75.5	82.6	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	29.7	62.6	75.5	82.6	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	29.7	63.2	76.8	84.5	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	29.7	63.9	77.4	85.8	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	30.3	65.8	79.4	88.4	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	30.3	65.8	79.4	88.4	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	30.3	65.8	80.0	89.0	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	30.3	65.8	80.0	89.0	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	30.3	65.8	80.0	89.0	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	30.3	65.8	80.0	89.0	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	30.3	65.8	80.0	89.0	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	30.3	65.8	81.3	91.0	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	30.3	65.8	81.3	91.0	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	30.3	65.8	81.3	91.0	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	30.3	65.8	81.3	91.0	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	12.9	35.5	38.7	40.7	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	12.9	39.4	42.6	45.8	48.4	48.4	48.4	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	14.2	40.7	43.9	47.1	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	14.2	40.7	43.9	47.1	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	14.2	40.7	43.9	47.1	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	14.8	41.9	45.2	48.4	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	16.8	45.8	49.7	52.9	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1
≥ 9000	16.8	46.5	50.3	53.6	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	20.0	52.9	56.8	60.0	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	20.0	54.8	58.7	61.9	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	20.7	56.8	60.7	63.9	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	21.3	58.7	62.6	65.8	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	21.3	59.4	63.2	66.5	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	21.3	60.7	64.5	68.4	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	21.3	63.2	67.1	72.3	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	21.9	66.5	70.3	75.5	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	21.9	66.5	70.3	75.5	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	22.6	70.3	74.2	80.0	85.2	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	22.6	70.3	74.2	80.0	85.2	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	22.6	73.6	78.1	84.5	89.7	89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	22.6	73.6	78.1	84.5	89.7	89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	23.2	76.1	81.3	87.7	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	23.2	76.1	81.3	87.7	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	23.2	76.8	83.2	91.0	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	12.4	27.5	30.8	33.6	35.9	36.1	37.3	37.8	37.8	38.2	38.2	38.2	38.4
≥ 20000	15.8	33.9	38.2	41.9	44.4	44.6	45.9	46.5	46.5	46.9	47.1	47.1	47.3
≥ 18000	16.1	34.2	38.6	42.3	44.8	45.0	46.3	46.9	46.9	47.3	47.5	47.5	47.7
≥ 16000	16.1	34.2	38.6	42.3	44.8	45.0	46.3	46.9	46.9	47.3	47.5	47.5	47.7
≥ 14000	16.2	34.6	39.0	42.8	45.3	45.6	46.9	47.5	47.5	47.9	48.1	48.2	48.2
≥ 12000	16.5	35.9	40.4	44.2	46.7	47.0	48.4	49.0	49.0	49.4	49.6	49.8	49.8
≥ 10000	18.2	39.9	45.3	49.3	52.2	52.6	54.1	54.8	54.8	55.2	55.4	55.6	55.6
≥ 9000	18.2	40.2	45.7	49.7	52.6	53.0	54.5	55.2	55.2	55.7	55.8	56.0	56.0
≥ 8000	19.8	45.2	51.2	55.7	59.2	59.6	61.3	62.2	62.2	62.7	62.9	63.1	63.1
≥ 7000	20.2	46.1	52.2	56.7	60.6	61.0	62.7	63.6	63.6	64.1	64.3	64.4	64.4
≥ 6000	20.4	46.5	52.6	57.1	61.0	61.4	63.1	64.0	64.0	64.5	64.7	64.8	64.8
≥ 5000	20.7	48.1	54.4	59.0	62.9	63.3	65.0	65.9	65.9	66.5	66.6	66.8	66.8
≥ 4500	20.7	48.4	54.8	59.5	63.4	63.8	65.5	66.4	66.4	66.9	67.1	67.3	67.3
≥ 4000	21.2	50.1	56.9	62.1	66.4	66.8	68.5	69.4	69.4	70.1	70.2	70.4	70.4
≥ 3500	21.5	51.6	58.8	64.4	68.8	69.2	70.9	71.9	71.9	72.6	72.7	72.9	72.9
≥ 3000	21.9	55.2	62.8	69.1	73.9	74.5	76.5	77.4	77.4	78.2	78.3	78.5	78.5
≥ 2500	22.4	56.7	64.5	71.1	75.8	76.5	78.4	79.4	79.4	80.2	80.3	80.5	80.5
≥ 2000	23.1	59.3	67.5	74.6	79.8	80.6	82.4	83.5	83.5	84.4	84.7	84.8	84.8
≥ 1800	23.1	59.3	67.5	74.6	79.8	80.6	82.4	83.5	83.5	84.4	84.7	84.8	84.8
≥ 1500	23.2	61.2	70.1	77.6	83.2	84.0	85.8	87.0	87.0	88.0	88.2	88.4	88.4
≥ 1200	23.3	61.5	70.4	78.0	83.7	84.4	86.3	87.5	87.5	88.5	88.7	88.9	88.9
≥ 1000	24.0	63.6	73.2	81.1	87.3	88.1	90.2	91.5	91.5	92.6	93.0	93.3	93.3
≥ 900	24.0	63.6	73.2	81.1	87.3	88.1	90.2	91.5	91.5	92.6	93.0	93.3	93.3
≥ 800	24.0	64.6	75.0	83.5	89.9	90.8	93.4	94.8	94.8	96.1	96.5	96.9	96.9
≥ 700	24.0	64.8	75.2	83.7	90.2	91.1	93.6	95.1	95.1	96.4	96.8	97.3	97.3
≥ 600	24.0	64.8	75.5	84.0	90.5	91.4	94.1	95.7	95.7	96.9	97.3	97.9	97.9
≥ 500	24.1	65.3	76.1	84.7	91.3	92.2	94.9	96.5	96.6	98.0	98.4	99.1	99.1
≥ 400	24.1	65.3	76.1	84.8	91.5	92.3	95.1	96.7	96.8	98.3	98.7	99.4	99.4
≥ 300	24.1	65.4	76.3	85.0	91.7	92.6	95.3	96.9	97.0	98.6	99.0	99.8	99.8
≥ 200	24.1	65.4	76.3	85.0	91.7	92.6	95.4	97.0	97.1	98.6	99.1	99.8	99.8
≥ 100	24.1	65.4	76.3	85.0	91.7	92.6	95.5	97.1	97.2	98.7	99.2	99.9	99.9
≥ 0	24.1	65.4	76.3	85.0	91.7	92.6	95.5	97.1	97.2	98.7	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	10.7	35.3	36.7	38.0	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	11.3	36.7	40.0	41.3	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	11.3	36.7	40.0	41.3	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	11.3	36.7	40.0	41.3	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	11.3	36.7	40.0	41.3	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000	11.3	40.0	41.3	43.3	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	12.0	45.3	48.0	50.0	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	12.0	45.3	48.0	50.0	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000	14.7	52.0	56.0	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	15.3	53.3	57.3	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000	15.3	53.3	57.3	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	15.3	54.7	58.7	61.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500	16.0	55.3	59.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	16.0	56.0	60.0	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3500	16.0	57.3	61.3	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	17.3	66.0	70.0	73.3	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	17.3	67.3	71.3	74.7	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	17.3	72.7	76.7	80.7	82.0	82.7	83.3	83.3	83.3	84.0	84.0	84.0
≥ 1800	17.3	72.7	76.7	80.7	82.0	82.7	83.3	83.3	83.3	84.0	84.0	84.0
≥ 1500	18.7	76.0	80.0	84.7	86.0	86.7	88.0	88.0	88.0	89.3	89.3	89.3
≥ 1200	18.7	76.7	80.7	85.3	86.7	87.3	88.7	88.7	89.3	90.0	90.0	90.0
≥ 1000	19.3	80.7	86.0	90.7	93.3	94.7	96.0	96.0	96.7	98.0	98.0	98.0
≥ 900	19.3	80.7	86.0	90.7	93.3	94.7	96.0	96.0	96.7	98.0	98.0	98.0
≥ 800	19.3	80.7	86.0	90.7	94.0	95.3	96.7	96.7	97.3	98.7	98.7	98.7
≥ 700	19.3	80.7	86.0	90.7	94.0	95.3	96.7	96.7	97.3	98.7	98.7	98.7
≥ 600	19.3	81.3	86.7	91.3	94.7	96.0	97.3	97.3	98.7	100.0	100.0	100.0
≥ 500	19.3	81.3	86.7	91.3	94.7	96.0	97.3	97.3	98.7	100.0	100.0	100.0
≥ 400	19.3	81.3	86.7	91.3	94.7	96.0	97.3	97.3	98.7	100.0	100.0	100.0
≥ 300	19.3	81.3	86.7	91.3	94.7	96.0	97.3	97.3	98.7	100.0	100.0	100.0
≥ 200	19.3	81.3	86.7	91.3	94.7	96.0	97.3	97.3	98.7	100.0	100.0	100.0
≥ 100	19.3	81.3	86.7	91.3	94.7	96.0	97.3	97.3	98.7	100.0	100.0	100.0
0	19.3	81.3	86.7	91.3	94.7	96.0	97.3	97.3	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	10.0	32.7	35.3	36.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	11.3	36.7	39.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000	11.3	36.7	39.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 16000	11.3	36.7	39.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 14000	11.3	36.7	39.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 12000	12.0	38.7	41.3	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	12.7	42.7	46.7	48.7	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	12.7	42.7	46.7	48.7	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	14.0	46.0	51.3	54.0	55.3	55.3	56.7	56.7	56.7	57.3	57.3	57.3
≥ 7000	14.0	46.7	52.0	54.7	56.0	56.0	57.3	57.3	57.3	58.0	58.0	58.0
≥ 6000	14.0	46.7	52.0	54.7	56.0	56.0	57.3	57.3	57.3	58.0	58.0	58.0
≥ 5000	14.0	48.7	54.0	56.7	58.0	58.7	60.0	60.0	60.0	60.7	60.7	60.7
≥ 4500	14.0	48.7	54.0	56.7	58.0	58.7	60.0	60.0	60.0	60.7	60.7	60.7
≥ 4000	14.7	49.3	54.7	57.3	58.7	59.3	60.7	60.7	60.7	61.3	61.3	61.3
≥ 3500	16.0	52.7	58.0	60.7	62.0	62.7	64.0	64.0	64.0	64.7	64.7	64.7
≥ 3000	16.7	60.0	65.3	68.7	70.0	70.7	72.0	72.0	72.0	72.7	72.7	72.7
≥ 2500	17.3	62.7	68.7	72.0	73.3	74.0	75.3	75.3	75.3	76.0	76.0	76.0
≥ 2000	17.3	66.7	73.3	78.0	80.0	80.7	82.0	82.0	82.0	82.7	82.7	82.7
≥ 1800	17.3	66.7	73.3	78.0	80.0	80.7	82.0	82.0	82.0	82.7	82.7	82.7
≥ 1500	18.0	70.0	76.7	82.0	86.0	87.3	89.3	89.3	89.3	90.0	90.0	90.0
≥ 1200	18.0	70.7	77.3	82.7	86.7	88.0	90.0	90.0	90.0	90.7	90.7	90.7
≥ 1000	18.7	73.3	80.0	86.7	92.0	94.0	96.0	96.0	96.0	98.0	98.0	98.0
≥ 900	18.7	73.3	80.0	86.7	92.0	94.0	96.0	96.0	96.0	98.0	98.0	98.0
≥ 800	18.7	73.3	80.0	86.7	92.0	94.0	96.0	96.0	96.0	98.7	98.7	98.7
≥ 700	18.7	73.3	80.0	86.7	92.0	94.0	96.0	96.0	96.0	98.7	98.7	98.7
≥ 600	18.7	73.3	80.0	86.7	92.0	94.0	96.7	96.7	96.7	98.0	98.0	98.0
≥ 500	18.7	73.3	80.0	86.7	92.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7
≥ 400	18.7	73.3	80.0	86.7	92.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7
≥ 300	18.7	73.3	80.0	86.7	92.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7
≥ 200	18.7	73.3	80.0	86.7	92.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7
≥ 100	18.7	73.3	80.0	86.7	92.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7
≥ 0	18.7	73.3	80.0	86.7	92.0	94.0	97.3	97.3	97.3	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323
STATION

YOKUSUKA, JAPAN

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	10.7	27.3	32.0	34.0	34.7	34.7	35.3	35.3	35.3	35.3	35.3
≥ 20000	12.0	30.7	35.3	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7
≥ 18000	12.0	30.7	35.3	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7
≥ 16000	12.0	30.7	35.3	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7
≥ 14000	12.0	31.3	36.0	38.0	38.7	38.7	39.3	39.3	39.3	39.3	39.3
≥ 12000	12.7	33.3	38.0	41.3	42.7	42.7	43.3	43.3	43.3	43.3	43.3
≥ 10000	13.3	37.3	42.7	46.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3
≥ 9000	13.3	38.0	43.3	47.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0
≥ 8000	14.7	40.7	48.0	54.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7
≥ 7000	14.7	42.0	49.3	55.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0
≥ 6000	14.7	42.7	50.0	56.0	58.0	58.0	58.7	58.7	58.7	58.7	58.7
≥ 5000	14.7	44.7	52.0	58.0	60.7	60.7	62.0	62.0	62.0	62.0	62.0
≥ 4500	14.7	45.3	53.3	59.3	62.0	62.0	63.3	63.3	63.3	63.3	63.3
≥ 4000	14.7	45.3	53.3	59.3	62.0	62.0	63.3	63.3	63.3	63.3	63.3
≥ 3500	14.7	46.7	54.7	61.3	64.0	64.0	65.3	65.3	66.0	66.0	66.0
≥ 3000	16.7	50.7	60.0	68.0	70.7	70.7	72.7	72.7	73.3	73.3	73.3
≥ 2500	17.3	52.7	62.7	71.3	74.7	74.7	76.7	76.7	77.3	77.3	77.3
≥ 2000	17.3	53.3	63.3	73.3	77.3	77.3	79.3	79.3	80.0	80.0	80.0
≥ 1800	17.3	53.3	63.3	73.3	77.3	77.3	79.3	79.3	80.0	80.0	80.0
≥ 1500	17.3	56.0	66.7	76.7	80.7	80.7	84.7	84.7	86.0	86.0	86.0
≥ 1200	17.3	56.7	68.0	78.7	82.7	84.0	87.3	87.3	88.7	88.7	88.7
≥ 1000	17.3	58.0	72.0	83.3	88.0	89.3	92.7	92.7	94.7	94.7	94.7
≥ 900	17.3	58.0	72.0	83.3	88.0	89.3	92.7	92.7	94.7	94.7	94.7
≥ 800	17.3	58.7	72.7	84.0	90.0	91.3	94.7	94.7	96.7	96.7	96.7
≥ 700	17.3	58.7	72.7	84.0	90.0	91.3	94.7	94.7	96.7	96.7	96.7
≥ 600	17.3	58.7	72.7	84.0	90.7	92.0	95.3	95.3	97.3	97.3	97.3
≥ 500	17.3	58.7	72.7	84.0	90.7	92.0	96.7	96.7	99.3	99.3	99.3
≥ 400	17.3	58.7	72.7	84.0	90.7	92.0	96.7	96.7	99.3	99.3	99.3
≥ 300	17.3	58.7	72.7	84.0	90.7	92.0	96.7	96.7	99.3	99.3	99.3
≥ 200	17.3	58.7	72.7	84.0	90.7	92.0	96.7	96.7	99.3	99.3	99.3
≥ 100	17.3	58.7	72.7	84.0	90.7	92.0	96.7	96.7	99.3	99.3	99.3
0	17.3	58.7	72.7	84.0	90.7	92.0	96.7	96.7	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

SEP
MONTH09
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7.3	19.3	27.3	29.3	33.3	33.3	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000	8.0	24.7	34.7	36.7	41.3	41.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 18000	8.0	24.7	34.7	36.7	42.0	42.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000	8.0	24.7	34.7	36.7	42.0	42.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	8.0	25.0	35.0	38.0	43.3	43.3	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 12000	8.7	27.3	37.3	40.7	46.0	46.0	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	8.7	28.7	39.3	42.7	49.3	49.3	52.0	52.7	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	8.7	29.3	40.0	43.3	50.0	50.0	52.7	53.3	53.3	54.0	54.0	54.0	54.0	54.0
≥ 8000	10.0	32.0	42.7	46.0	54.0	54.0	57.3	58.7	58.7	59.3	59.3	59.3	59.3	59.3
≥ 7000	10.7	34.0	44.7	48.0	56.0	56.0	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3
≥ 6000	10.7	34.7	45.3	48.7	57.3	57.3	60.7	62.0	62.0	62.7	62.7	62.7	62.7	62.7
≥ 5000	10.7	36.7	47.3	51.3	60.0	60.0	63.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3
≥ 4500	10.7	37.3	48.0	52.0	60.7	60.7	64.0	65.3	65.3	66.0	66.0	66.0	66.0	66.0
≥ 4000	10.7	38.7	51.3	56.0	64.7	64.7	68.0	69.3	69.3	70.0	70.0	70.0	70.0	70.0
≥ 3500	10.7	39.3	52.0	56.7	65.3	65.3	68.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7
≥ 3000	10.7	42.7	56.0	61.3	70.7	70.7	74.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0
≥ 2500	11.3	44.0	57.3	62.7	72.0	72.0	76.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3
≥ 2000	11.3	45.3	59.3	64.7	74.0	74.0	78.0	80.7	80.7	82.0	82.0	82.0	82.0	82.0
≥ 1800	11.3	45.3	59.3	64.7	74.0	74.0	78.0	80.7	80.7	82.0	82.0	82.0	82.0	82.0
≥ 1500	12.0	46.7	61.3	66.7	78.0	78.0	82.7	86.0	86.0	87.3	87.3	87.3	87.3	87.3
≥ 1200	12.7	47.3	62.0	68.0	79.3	79.3	84.0	87.3	87.3	88.7	88.7	88.7	88.7	88.7
≥ 1000	12.7	48.7	64.7	71.3	83.3	83.3	88.0	91.3	91.3	92.7	92.7	92.7	92.7	92.7
≥ 900	12.7	48.7	64.7	71.3	83.3	83.3	88.0	91.3	91.3	92.7	92.7	92.7	92.7	92.7
≥ 800	12.7	48.7	64.7	73.3	86.0	86.0	90.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3
≥ 700	12.7	48.7	64.7	73.3	86.0	86.0	90.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3
≥ 600	12.7	48.7	64.7	74.0	87.3	87.3	92.7	96.0	96.0	97.3	97.3	97.3	97.3	97.3
≥ 500	12.7	48.7	64.7	74.0	87.3	87.3	92.7	96.7	96.7	98.7	98.7	99.3	99.3	99.3
≥ 400	12.7	48.7	64.7	74.0	87.3	87.3	92.7	96.7	96.7	98.7	98.7	100.0	100.0	100.0
≥ 300	12.7	48.7	64.7	74.0	87.3	87.3	92.7	96.7	96.7	98.7	98.7	100.0	100.0	100.0
≥ 200	12.7	48.7	64.7	74.0	87.3	87.3	92.7	96.7	96.7	98.7	98.7	100.0	100.0	100.0
≥ 100	12.7	48.7	64.7	74.0	87.3	87.3	92.7	96.7	96.7	98.7	98.7	100.0	100.0	100.0
≥ 0	12.7	48.7	64.7	74.0	87.3	87.3	92.7	96.7	96.7	98.7	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	8.0	26.7	33.3	34.0	36.0	36.7	36.7	37.3	37.3	38.0	38.0	38.0	38.0	38.0
≥ 20000	10.0	34.0	43.3	44.7	46.7	47.3	47.3	48.0	48.0	48.7	48.7	48.7	48.7	48.7
≥ 18000	10.0	34.0	43.3	44.7	46.7	47.3	47.3	48.0	48.0	48.7	48.7	48.7	48.7	48.7
≥ 16000	10.0	34.0	43.3	44.7	46.7	47.3	47.3	48.0	48.0	48.7	48.7	48.7	48.7	48.7
≥ 14000	10.0	34.0	43.3	44.7	47.3	48.0	48.0	48.7	48.7	49.3	49.3	49.3	49.3	49.3
≥ 12000	10.7	36.7	46.0	47.3	51.3	52.0	52.0	52.7	52.7	53.3	53.3	53.3	53.3	53.3
≥ 10000	10.7	40.0	50.0	52.0	58.0	59.3	59.3	60.0	60.0	60.7	60.7	60.7	60.7	60.7
≥ 9000	10.7	40.0	50.0	52.0	58.0	59.3	59.3	60.0	60.0	60.7	60.7	60.7	60.7	60.7
≥ 8000	10.7	41.3	53.3	55.3	61.3	62.7	64.0	64.7	64.7	65.3	65.3	65.3	65.3	65.3
≥ 7000	11.3	42.7	54.7	56.7	62.7	64.0	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7
≥ 6000	12.0	43.3	56.0	58.0	64.0	65.3	66.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0
≥ 5000	12.0	45.3	58.7	60.7	66.7	68.0	69.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7
≥ 4500	12.0	45.3	58.7	60.7	66.7	68.0	69.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7
≥ 4000	12.7	46.7	60.0	62.0	68.7	70.0	71.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7
≥ 3500	12.7	46.7	60.0	62.0	68.7	70.0	72.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3
≥ 3000	12.7	49.3	62.7	65.3	72.0	74.0	76.7	78.0	78.0	78.7	78.7	78.7	78.7	78.7
≥ 2500	12.7	50.0	63.3	66.7	73.3	75.3	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7
≥ 2000	12.7	52.7	67.3	71.3	78.0	80.0	83.3	84.7	84.7	85.3	85.3	85.3	85.3	85.3
≥ 1800	12.7	52.7	67.3	71.3	78.0	80.0	83.3	84.7	84.7	85.3	85.3	85.3	85.3	85.3
≥ 1500	12.7	53.3	69.3	73.3	80.7	82.7	86.7	88.0	88.0	88.7	88.7	88.7	88.7	88.7
≥ 1200	12.7	53.3	69.3	74.0	81.3	83.3	87.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3
≥ 1000	13.3	54.7	72.0	78.7	86.7	88.7	92.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3
≥ 900	13.3	54.7	72.0	78.7	86.7	88.7	92.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3
≥ 800	13.3	54.7	72.0	79.3	87.3	89.3	93.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7
≥ 700	13.3	54.7	72.0	79.3	87.3	89.3	93.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7
≥ 600	13.3	54.7	72.0	79.3	88.0	90.7	94.7	96.0	96.0	98.0	98.0	98.0	98.0	98.0
≥ 500	13.3	54.7	72.0	79.3	88.0	90.7	94.7	96.0	96.0	98.0	98.0	98.0	98.0	98.0
≥ 400	13.3	54.7	72.0	79.3	88.0	90.7	95.3	96.7	96.7	99.3	99.3	99.3	99.3	99.3
≥ 300	13.3	54.7	72.0	79.3	88.0	90.7	95.3	96.7	96.7	99.3	99.3	99.3	99.3	99.3
≥ 200	13.3	54.7	72.0	79.3	88.0	90.7	95.3	96.7	96.7	99.3	99.3	99.3	99.3	99.3
≥ 100	13.3	54.7	72.0	79.3	88.0	90.7	95.3	96.7	96.7	99.3	99.3	99.3	99.3	99.3
≥ 0	13.3	54.7	72.0	79.3	88.0	90.7	95.3	96.7	96.7	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

SEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.3	32.7	36.0	36.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	21.3	44.0	48.7	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	21.3	44.0	48.7	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	21.3	44.0	48.7	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	21.3	44.7	50.0	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	22.0	48.0	54.7	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 10000	23.3	51.3	58.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	23.3	51.3	58.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	24.0	56.0	63.3	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	25.3	58.0	66.7	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	25.3	58.0	66.7	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	25.3	60.0	68.7	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	25.3	60.7	69.3	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	26.0	63.3	72.0	74.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	26.7	64.0	72.7	76.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	26.7	66.0	74.7	79.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	26.7	66.7	75.3	80.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	27.3	68.0	77.3	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	27.3	68.0	77.3	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	28.0	70.0	79.3	85.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	28.0	70.7	80.0	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	28.0	70.7	81.3	87.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	28.0	70.7	81.3	87.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	28.0	70.7	81.3	88.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	28.0	70.7	81.3	88.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	28.0	70.7	81.3	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	28.0	70.7	81.3	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	28.0	70.7	81.3	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 300	28.0	70.7	81.3	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 200	28.0	70.7	81.3	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 100	28.0	70.7	81.3	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 0	28.0	70.7	81.3	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	10.7	30.0	33.3	34.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000	12.7	38.0	41.3	42.0	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	12.7	38.0	41.3	42.0	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	12.7	38.0	41.3	42.0	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	12.7	38.0	41.3	42.0	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 12000	13.3	40.7	44.0	45.3	48.0	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	16.0	46.7	52.0	53.3	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	16.7	48.7	54.7	56.0	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
8000	19.3	54.0	62.0	64.0	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
7000	19.3	55.3	63.3	65.3	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3
6000	19.3	55.3	63.3	65.3	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3
5000	19.3	56.0	64.0	66.0	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0
4500	20.0	56.7	64.7	66.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7
4000	21.3	59.3	68.0	70.0	74.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
3500	22.0	60.7	70.0	72.0	76.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3000	23.3	62.0	72.0	75.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
2500	23.3	64.0	75.3	78.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
2000	23.3	67.3	78.7	82.7	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1800	23.3	67.3	78.7	82.7	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1500	24.0	70.0	81.3	86.0	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1200	24.0	70.0	81.3	86.0	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1000	24.0	70.0	81.3	86.0	92.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
900	24.0	70.0	81.3	86.0	92.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
800	24.0	70.0	81.3	86.0	92.7	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
700	24.0	70.0	81.3	86.0	92.7	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
600	24.0	70.0	81.3	86.7	94.0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
500	24.0	70.0	81.3	86.7	94.0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
400	24.0	70.0	81.3	86.7	94.0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
300	24.0	70.0	81.3	86.7	94.0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
200	24.0	70.0	81.3	86.7	94.0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
100	24.0	70.0	81.3	86.7	94.0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0	24.0	70.0	81.3	86.7	94.0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

SEP

MONTH

21

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.3	36.0	38.0	38.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	9.3	39.3	42.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 18000	9.3	39.3	42.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 16000	9.3	39.3	42.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 14000	9.3	39.3	42.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 12000	10.7	42.0	44.7	44.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	11.3	45.3	48.7	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000	11.3	46.0	49.3	49.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	17.3	56.0	60.0	60.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	16.0	57.3	61.3	61.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	18.0	57.3	61.3	61.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	18.0	57.3	61.3	61.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	18.0	58.0	62.0	62.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	18.7	62.7	67.3	68.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	16.7	64.0	68.7	70.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	19.3	69.3	74.0	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	19.3	70.7	75.3	76.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	20.0	72.7	77.3	79.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	20.0	72.7	77.3	79.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	20.0	75.3	80.0	82.0	87.3	88.0	88.7	88.7	88.7	89.3	89.3	89.3	89.3
≥ 1200	20.0	76.0	80.7	82.7	88.7	89.3	90.0	90.0	90.0	90.7	90.7	90.7	90.7
≥ 1000	20.0	79.3	84.0	86.7	94.0	94.7	95.3	95.3	95.3	96.7	96.7	96.7	96.7
≥ 900	20.0	79.3	84.0	86.7	94.0	94.7	95.3	95.3	95.3	96.7	96.7	96.7	96.7
≥ 800	20.0	80.0	84.7	87.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	20.0	80.0	84.7	87.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	20.0	80.0	85.3	88.0	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 500	20.0	80.0	85.3	88.0	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 400	20.0	80.0	85.3	88.0	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 300	20.0	80.0	85.3	88.0	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 200	20.0	80.0	85.3	88.0	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 100	20.0	80.0	85.3	88.0	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7
0	20.0	80.0	85.3	88.0	96.7	97.3	98.0	98.0	98.0	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	10.3	30.0	34.0	35.1	36.6	36.8	37.1	37.3	37.3	37.3	37.3
≥ 20000	12.0	35.8	40.6	41.8	43.5	43.7	44.1	44.3	44.3	44.3	44.3
≥ 18000	12.0	35.8	40.6	41.8	43.6	43.8	44.2	44.3	44.3	44.4	44.4
≥ 16000	12.0	35.8	40.6	41.8	43.6	43.8	44.2	44.3	44.3	44.4	44.4
≥ 14000	12.0	36.2	41.1	42.4	44.3	44.4	44.8	45.0	45.1	45.1	45.1
≥ 12000	12.7	38.3	43.4	45.2	47.3	47.5	48.0	48.2	48.3	48.3	48.3
≥ 10000	13.5	42.2	48.2	50.3	52.9	53.2	53.8	53.9	54.1	54.1	54.1
≥ 9000	13.6	42.7	48.8	50.8	53.5	53.8	54.3	54.5	54.7	54.7	54.7
≥ 8000	15.6	47.3	54.6	57.3	60.4	60.7	61.6	61.8	62.0	62.1	62.1
≥ 7000	16.1	48.7	56.2	58.8	62.0	62.3	63.2	63.4	63.6	63.7	63.7
≥ 6000	16.2	48.9	56.5	59.2	62.4	62.7	63.6	63.8	64.0	64.1	64.1
≥ 5000	16.2	50.4	58.1	60.8	64.3	64.6	65.6	65.8	66.0	66.1	66.1
≥ 4500	16.3	50.9	58.7	61.4	64.8	65.2	66.2	66.4	66.6	66.7	66.7
≥ 4000	16.8	52.7	60.8	63.6	67.3	67.8	68.8	69.0	69.3	69.3	69.3
≥ 3500	17.2	53.9	62.2	65.3	68.9	69.3	70.4	70.7	71.0	71.1	71.1
≥ 3000	17.9	58.3	66.8	70.8	74.7	75.2	76.6	77.1	77.6	77.7	77.7
≥ 2500	18.2	59.8	68.7	72.8	76.8	77.3	78.9	79.4	79.9	80.0	80.0
≥ 2000	18.3	62.3	71.7	76.5	80.8	81.3	82.9	83.5	84.1	84.3	84.3
≥ 1800	18.3	62.3	71.7	76.5	80.8	81.3	82.9	83.5	84.1	84.3	84.3
≥ 1500	18.8	64.7	74.3	79.6	84.7	85.5	87.6	88.3	89.3	89.5	89.5
≥ 1200	18.9	65.2	74.9	80.6	85.6	86.4	88.6	89.3	90.3	90.5	90.5
≥ 1000	19.2	66.9	77.7	83.8	89.9	90.9	93.2	93.8	95.3	95.7	95.7
≥ 900	19.2	66.9	77.7	83.8	90.0	91.0	93.3	93.9	95.4	95.8	95.8
≥ 800	19.2	67.1	77.8	84.5	91.2	92.2	94.6	95.3	97.0	97.3	97.3
≥ 700	19.2	67.1	77.8	84.5	91.2	92.2	94.7	95.3	97.1	97.4	97.4
≥ 600	19.2	67.2	78.0	84.8	91.9	93.0	95.8	96.5	98.5	98.9	98.9
≥ 500	19.2	67.2	78.0	84.8	91.9	93.0	96.0	96.8	99.0	99.4	99.5
≥ 400	19.2	67.2	78.0	84.8	92.0	93.1	96.2	97.0	99.2	99.7	100.0
≥ 300	19.2	67.2	78.0	84.8	92.0	93.1	96.2	97.0	99.2	99.7	100.0
≥ 200	19.2	67.2	78.0	84.8	92.0	93.1	96.2	97.0	99.2	99.7	100.0
≥ 100	19.2	67.2	78.0	84.8	92.0	93.1	96.2	97.0	99.2	99.7	100.0
0	19.2	67.2	78.0	84.8	92.0	93.1	96.2	97.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323

YOKOSUKA, JAPAN

73-77

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.0	24.5	26.5	27.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	29.0	29.0
≥ 2000	10.3	28.4	30.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
18000	10.3	28.4	30.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
≥ 16000	10.3	28.4	30.3	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.5	35.5
14000	10.3	29.0	31.0	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.1	36.1
≥ 12000	10.3	29.0	31.0	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.1	36.1
10000	13.6	36.1	38.1	41.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.2	43.2
≥ 9000	13.6	36.1	38.1	41.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.2	43.2
8000	16.1	45.2	49.0	52.3	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.8	54.8
≥ 7000	16.1	45.2	49.0	52.3	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.8	54.8
6000	16.1	45.2	49.0	52.3	54.2	54.8	54.8	54.8	54.8	54.8	54.8	55.5	55.5
≥ 5000	16.8	47.1	51.0	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1
4500	16.8	47.1	51.0	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1
4000	18.7	52.3	58.1	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2
3500	21.3	56.1	61.9	67.1	68.4	69.0	69.7	69.7	69.7	69.7	69.7	70.3	70.3
≥ 3000	23.9	61.9	67.7	74.2	76.1	76.8	78.1	78.1	78.1	78.1	78.1	79.4	79.4
2500	23.9	63.2	69.7	77.4	79.4	80.0	81.3	81.3	81.3	81.3	81.3	83.2	83.2
2000	23.9	65.2	72.9	80.7	82.6	83.2	84.5	84.5	84.5	84.5	84.5	86.5	86.5
1800	23.9	65.2	72.9	80.7	82.6	83.2	84.5	84.5	84.5	84.5	84.5	86.5	86.5
1500	23.9	66.5	75.5	83.2	85.8	86.5	87.7	88.4	88.4	88.4	88.4	89.7	89.7
1200	23.9	66.5	75.5	83.2	86.5	87.1	88.4	89.0	89.0	89.0	89.0	90.3	90.3
1000	23.9	67.1	76.1	83.9	87.7	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6
900	23.9	67.1	76.1	83.9	87.7	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6
800	23.9	68.4	77.4	85.2	89.7	90.3	92.3	93.6	93.6	93.6	93.6	94.2	94.2
700	23.9	68.4	77.4	85.2	89.7	90.3	92.3	93.6	93.6	93.6	93.6	94.2	94.2
600	23.9	68.4	77.4	85.2	89.7	90.3	92.3	93.6	93.6	93.6	93.6	94.2	94.2
500	23.9	68.4	77.4	85.2	90.3	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2
400	23.9	68.4	77.4	85.2	90.3	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2
300	23.9	68.4	77.4	85.2	90.3	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2
200	23.9	68.4	77.4	85.2	90.3	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2
100	23.9	68.4	77.4	85.2	90.3	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2
0	23.9	68.4	77.4	85.2	90.3	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

03
MONTH

03
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	5.2	20.7	25.2	27.7	28.4	28.4	29.0	29.0	29.0	29.7	29.7	29.7	29.7
≥ 20000	6.5	23.9	29.0	32.3	33.6	33.6	34.2	34.2	34.2	34.8	34.8	34.8	34.8
≥ 18000	6.5	23.9	29.0	32.3	33.6	33.6	34.2	34.2	34.2	34.8	34.8	34.8	34.8
≥ 16000	6.5	23.9	29.0	32.3	33.6	33.6	34.2	34.2	34.2	34.8	34.8	34.8	34.8
≥ 14000	6.5	24.5	29.7	32.9	34.2	34.2	34.8	34.8	34.8	35.5	35.5	35.5	35.5
≥ 12000	6.5	25.2	30.3	33.6	34.8	34.8	35.5	35.5	35.5	36.1	36.1	36.1	36.1
≥ 10000	9.0	30.3	36.1	40.0	41.3	41.3	41.9	41.9	41.9	42.6	42.6	42.6	42.6
≥ 9000	9.7	31.6	37.4	41.3	42.6	42.6	43.2	43.2	43.2	43.9	43.9	43.9	43.9
≥ 8000	12.3	38.1	43.9	49.0	51.6	51.6	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 7000	12.3	39.4	45.8	51.0	53.6	53.6	54.8	54.8	54.8	55.5	55.5	55.5	55.5
≥ 6000	12.9	40.0	46.5	51.6	54.2	54.2	55.5	55.5	55.5	56.1	56.1	56.1	56.1
≥ 5000	13.6	41.3	47.7	52.9	55.5	55.5	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 4500	13.6	41.3	48.4	53.6	56.1	56.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7
≥ 4000	14.8	45.2	52.3	58.1	61.3	61.3	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 3500	18.1	51.0	58.7	65.2	68.4	69.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6
≥ 3000	18.7	54.8	62.6	69.0	72.3	72.9	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 2500	18.7	57.4	65.2	73.6	78.1	78.7	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 2000	18.7	58.1	66.5	75.5	80.0	81.3	85.2	85.8	85.8	86.5	86.5	86.5	86.5
≥ 1800	18.7	58.1	66.5	75.5	80.0	81.3	85.2	85.8	85.8	86.5	86.5	86.5	86.5
≥ 1500	18.7	58.1	66.5	75.5	80.0	81.3	85.2	85.8	85.8	86.5	86.5	86.5	86.5
≥ 1200	19.4	59.4	67.7	76.8	81.9	83.2	87.7	89.0	89.0	89.7	89.7	89.7	89.7
≥ 1000	19.4	60.7	69.0	78.1	84.5	85.8	91.0	92.3	92.3	94.2	94.8	95.5	96.1
≥ 900	19.4	60.7	69.0	78.1	84.5	85.8	91.0	92.3	92.3	94.2	94.8	95.5	96.1
≥ 800	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 700	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 600	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 500	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 400	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 300	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 200	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 100	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4
≥ 0	19.4	61.9	70.3	79.4	85.8	87.1	92.3	94.8	94.8	96.8	98.1	98.7	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323

YOKOSUKA, JAPAN

73-77

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	4.5	12.3	16.1	20.0	21.3	21.9	21.9	22.6	23.2	23.2	23.2	23.2	23.2	23.2
≥ 20000	7.1	14.8	19.4	23.9	26.5	27.1	27.1	28.4	28.4	29.0	29.0	29.0	29.0	29.0
18000	7.1	14.8	19.4	23.9	26.5	27.1	27.1	28.4	28.4	29.0	29.0	29.0	29.0	29.0
16000	7.1	14.8	19.4	23.9	26.5	27.1	27.1	28.4	28.4	29.0	29.0	29.0	29.0	29.0
14000	7.1	15.5	20.0	24.5	27.1	27.7	28.4	29.0	29.0	29.7	29.7	29.7	29.7	29.7
12000	7.1	16.8	21.3	25.8	28.4	29.0	29.7	30.3	30.3	31.0	31.0	31.0	31.0	31.0
10000	9.7	23.9	29.0	34.2	36.8	37.4	38.7	39.4	39.4	40.0	40.0	40.0	40.0	40.0
9000	9.7	24.5	29.7	34.8	37.4	38.1	39.4	40.0	40.0	40.7	40.7	40.7	40.7	40.7
8000	12.9	30.3	36.1	43.2	45.8	46.5	49.0	50.3	50.3	51.0	51.0	51.0	51.0	51.0
7000	12.9	31.0	36.8	45.8	48.4	49.0	51.6	52.9	52.9	53.6	53.6	53.6	53.6	53.6
6000	12.9	31.6	37.4	46.5	49.0	49.7	52.3	53.6	53.6	54.2	54.2	54.2	54.2	54.2
5000	13.6	32.9	38.7	48.4	51.0	51.6	54.2	55.5	55.5	56.8	56.8	56.8	56.8	56.8
4500	14.2	34.2	40.7	50.3	52.9	53.6	56.1	57.4	57.4	58.7	58.7	58.7	58.7	58.7
4000	14.2	35.5	44.5	54.8	58.1	58.7	61.3	62.6	62.6	64.5	64.5	64.5	64.5	64.5
3500	14.2	36.8	46.5	56.8	60.7	61.3	63.9	65.8	65.8	67.7	68.4	68.4	68.4	68.4
3000	15.5	41.3	51.0	61.9	65.8	66.5	69.7	71.6	71.6	73.6	74.2	74.2	74.2	74.2
2500	16.1	44.5	54.8	65.8	71.0	71.6	75.5	77.4	77.4	80.0	81.3	81.3	81.3	81.3
2000	16.1	46.5	56.8	67.7	73.6	74.2	78.1	80.0	80.0	82.6	83.9	84.5	84.5	84.5
1800	16.1	46.5	56.8	67.7	73.6	74.2	78.1	80.0	80.0	82.6	83.9	84.5	84.5	84.5
1500	16.1	47.1	58.1	69.7	75.5	76.1	80.0	82.6	82.6	85.2	86.5	87.1	87.1	87.1
1200	16.1	47.1	58.1	69.7	76.1	76.8	80.7	83.2	83.2	85.8	87.1	87.7	87.7	87.7
1000	16.1	48.4	60.0	71.6	78.1	78.7	83.2	85.8	85.8	88.4	90.3	91.0	91.0	91.0
900	16.1	48.4	60.0	71.6	78.1	78.7	83.2	85.8	85.8	88.4	90.3	91.0	91.0	91.0
800	16.1	49.7	61.3	74.2	80.7	81.3	86.5	89.7	89.7	92.3	94.2	94.8	94.8	94.8
700	16.1	49.7	61.3	74.2	80.7	81.3	86.5	89.7	89.7	92.3	94.8	95.5	95.5	95.5
600	16.1	49.7	61.3	74.2	80.7	81.3	86.5	90.3	90.3	92.9	95.5	96.1	96.1	96.1
500	16.1	49.7	61.3	74.2	80.7	81.3	87.1	91.0	91.0	93.6	96.1	97.4	97.4	97.4
400	16.1	49.7	61.3	74.2	80.7	81.3	87.1	91.0	91.0	93.6	96.8	98.1	98.1	98.1
300	16.1	49.7	61.3	74.2	80.7	81.3	87.1	91.0	91.0	93.6	96.8	98.7	98.7	98.7
200	16.1	49.7	61.3	74.2	80.7	81.3	87.1	91.0	91.0	93.6	96.8	99.4	99.4	99.4
100	16.1	49.7	61.3	74.2	80.7	81.3	87.1	91.0	91.0	93.6	96.8	99.4	99.4	99.4
0	16.1	49.7	61.3	74.2	80.7	81.3	87.1	91.0	91.0	93.6	96.8	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET

SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

09
MONTH

09
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.2	14.2	19.4	21.9	25.8	26.5	28.4	29.7	29.7	31.0	31.0	31.0	31.0	31.0
≥ 20000	5.8	16.1	21.3	23.9	28.4	29.0	31.0	32.3	32.3	34.2	34.2	34.2	34.2	34.2
≥ 18000	5.6	16.1	21.3	23.9	28.4	29.0	31.0	32.3	32.3	34.2	34.2	34.2	34.2	34.2
≥ 16000	5.8	16.1	21.3	23.9	28.4	29.0	31.0	32.3	32.3	34.2	34.2	34.2	34.2	34.2
≥ 14000	5.8	16.1	21.3	23.9	28.4	29.0	31.0	32.3	32.3	34.2	34.2	34.2	34.2	34.2
≥ 12000	6.5	16.8	21.9	24.5	29.0	29.7	31.6	32.9	32.9	34.8	34.8	34.8	34.8	34.8
≥ 10000	6.5	17.4	23.2	27.7	33.6	34.2	36.1	37.4	37.4	39.4	39.4	39.4	39.4	39.4
≥ 9000	7.1	18.1	23.9	28.4	34.2	34.8	36.8	38.1	38.1	40.0	40.0	40.0	40.0	40.0
≥ 8000	6.4	23.2	31.0	35.1	43.9	44.5	46.5	48.4	48.4	51.0	51.0	51.0	51.0	51.0
≥ 7000	9.0	25.8	33.6	40.7	46.5	47.1	49.0	51.0	51.0	53.6	53.6	53.6	53.6	53.6
≥ 6000	9.0	25.8	33.6	40.7	46.5	47.1	49.0	51.0	51.0	53.6	53.6	53.6	53.6	53.6
≥ 5000	9.0	27.7	36.1	43.2	49.0	49.7	51.6	53.6	53.6	56.1	56.1	56.1	56.1	56.1
≥ 4500	9.0	28.4	36.8	43.9	49.7	50.3	52.3	54.2	54.2	56.8	56.8	56.8	56.8	56.8
≥ 4000	9.0	29.7	41.3	49.7	56.1	57.4	60.0	61.9	61.9	64.5	64.5	64.5	64.5	64.5
≥ 3500	9.7	32.3	44.5	52.9	59.4	61.3	63.9	65.8	65.8	68.4	68.4	68.4	68.4	68.4
≥ 3000	10.3	35.5	49.7	58.1	65.2	67.1	69.7	72.3	72.3	74.8	74.8	74.8	74.8	74.8
≥ 2500	10.3	35.5	49.7	58.1	65.2	67.1	69.7	72.3	72.3	74.8	74.8	74.8	74.8	74.8
≥ 2000	11.0	36.8	51.0	60.0	67.1	69.7	72.3	74.8	74.8	77.4	77.4	77.4	77.4	77.4
≥ 1800	11.0	36.8	51.0	60.0	67.1	69.7	72.3	74.8	74.8	77.4	77.4	77.4	77.4	77.4
≥ 1500	11.6	37.4	51.6	61.9	69.0	71.6	74.2	76.8	76.8	80.7	81.3	81.3	81.3	81.3
≥ 1200	11.6	38.7	52.9	63.2	70.3	72.9	75.5	78.1	78.1	81.9	83.2	83.2	83.2	83.2
≥ 1000	11.6	39.4	54.2	64.5	72.3	75.5	79.4	81.9	81.9	86.5	88.4	88.4	88.4	88.4
≥ 900	11.6	39.4	54.2	64.5	72.3	75.5	79.4	81.9	81.9	86.5	88.4	88.4	88.4	88.4
≥ 800	11.6	39.4	54.8	65.2	72.9	76.1	81.3	83.9	83.9	89.0	91.0	91.0	91.0	91.0
≥ 700	11.6	39.4	54.8	65.2	73.6	76.8	81.9	84.5	84.5	89.7	91.6	91.6	91.6	91.6
≥ 600	11.6	39.4	54.8	65.2	73.6	77.4	83.9	86.5	86.5	92.3	94.2	94.2	94.2	94.2
≥ 500	11.6	39.4	54.8	65.8	74.2	78.1	83.9	87.1	87.1	94.2	96.1	96.1	96.1	96.1
≥ 400	11.6	39.4	54.8	65.8	74.2	78.1	83.9	87.1	87.1	94.2	96.1	96.1	96.1	96.1
≥ 300	11.6	39.4	54.8	65.8	74.2	78.1	84.5	87.7	87.7	94.8	96.8	96.8	96.8	96.8
≥ 200	11.6	39.4	54.8	65.8	74.2	78.1	84.5	87.7	87.7	94.8	96.8	96.8	96.8	96.8
≥ 100	11.6	39.4	54.8	65.8	74.2	78.1	84.5	87.7	87.7	94.8	96.8	96.8	96.8	96.8
0	11.6	39.4	54.8	65.8	74.2	78.1	84.5	87.7	87.7	94.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323

YOKOSUKA, JAPAN

73-77

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)12
HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7.7	16.8	20.7	28.4	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000	8.4	21.9	27.1	35.5	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	8.4	21.9	27.1	35.5	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	8.4	21.9	27.1	35.5	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	8.4	22.6	27.7	36.1	41.9	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 12000	8.4	22.6	27.7	36.8	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	9.7	24.5	32.9	41.9	48.4	48.4	49.0	49.0	49.0	49.0	49.7	49.7	49.7
≥ 9000	9.7	25.2	33.6	43.2	49.7	49.7	50.3	50.3	50.3	50.3	51.0	51.0	51.0
≥ 8000	9.7	27.7	37.4	48.4	55.5	55.5	56.1	56.1	56.8	56.8	57.4	57.4	57.4
≥ 7000	10.3	29.7	40.7	52.3	59.4	59.4	60.0	60.7	60.7	60.7	61.3	61.3	61.3
≥ 6000	10.3	29.7	40.7	52.3	59.4	59.4	60.0	60.7	60.7	60.7	61.3	61.3	61.3
≥ 5000	11.0	31.0	41.9	53.6	61.3	61.3	62.6	63.2	63.2	63.2	63.9	63.9	63.9
≥ 4500	11.0	31.0	42.6	54.8	62.6	62.6	63.9	64.5	64.5	64.5	65.2	65.2	65.2
≥ 4000	11.6	34.8	47.1	60.0	67.7	67.7	69.0	69.7	69.7	70.3	71.0	71.0	71.0
≥ 3500	11.6	34.8	47.1	60.7	70.3	70.3	71.6	72.9	72.9	73.6	74.2	74.2	74.2
≥ 3000	12.9	36.1	49.0	63.2	72.9	72.9	74.8	76.1	76.1	78.1	78.7	78.7	78.7
≥ 2500	12.9	36.1	50.3	65.2	74.8	74.8	76.8	78.1	78.1	80.0	80.7	81.3	81.3
≥ 2000	13.6	38.1	52.3	67.1	76.8	76.8	78.7	80.0	80.0	81.9	82.6	83.2	83.2
≥ 1800	13.6	38.1	52.3	67.1	76.8	76.8	78.7	80.0	80.0	81.9	82.6	83.2	83.2
≥ 1500	13.6	39.4	53.6	68.4	78.7	78.7	80.7	81.9	81.9	83.9	84.5	85.2	85.2
≥ 1200	13.6	39.4	53.6	69.0	79.4	79.4	81.3	82.6	82.6	84.5	85.2	85.8	85.8
≥ 1000	13.6	40.7	54.8	70.3	81.3	81.3	83.9	85.2	85.2	87.1	87.7	88.4	88.4
≥ 900	13.6	40.7	54.8	70.3	81.3	81.3	83.9	85.2	85.2	87.1	87.7	88.4	88.4
≥ 800	13.6	41.3	55.5	71.0	81.9	81.9	83.2	85.8	89.0	91.0	92.3	93.6	94.2
≥ 700	13.6	41.3	56.1	71.6	82.6	83.9	86.5	91.0	91.0	92.9	94.2	95.5	96.1
≥ 600	13.6	41.3	56.1	71.6	83.2	84.5	87.1	92.3	92.3	94.8	96.1	97.4	98.1
≥ 500	13.6	41.3	56.1	71.6	83.2	84.5	87.1	92.9	92.9	95.5	96.8	98.1	98.7
≥ 400	13.6	41.3	56.1	71.6	83.2	84.5	87.1	92.9	92.9	95.5	96.8	98.1	98.7
≥ 300	13.6	41.3	56.1	71.6	83.2	84.5	87.1	92.9	92.9	95.5	96.8	98.1	99.4
≥ 200	13.6	41.3	56.1	71.6	83.2	84.5	87.1	92.9	92.9	95.5	96.8	98.1	98.7
≥ 100	13.6	41.3	56.1	71.6	83.2	84.5	87.1	92.9	92.9	95.5	96.8	98.1	98.7
0	13.6	41.3	56.1	71.6	83.2	84.5	87.1	92.9	92.9	95.5	96.8	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YUKOSUKA, JAPAN
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	14.8	26.5	30.3	31.6	32.3	32.3	32.9	32.9	32.9	32.9	32.9
≥ 20000	16.8	32.9	38.1	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3
≥ 18000	16.8	32.9	38.1	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3
≥ 16000	15.8	32.9	38.1	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3
≥ 14000	15.8	32.9	38.7	40.7	41.3	41.3	41.9	41.9	41.9	41.9	41.9
≥ 12000	16.8	34.2	40.0	41.9	42.6	42.6	43.9	43.9	44.5	44.5	44.5
≥ 10000	18.1	38.1	44.5	46.5	47.7	47.7	49.7	49.7	50.3	50.3	50.3
≥ 9000	18.1	38.7	45.2	47.7	49.0	49.0	51.0	51.0	51.6	51.6	51.6
≥ 8000	18.7	41.9	51.0	53.6	56.1	56.8	58.7	58.7	59.4	59.4	59.4
≥ 7000	20.7	45.8	55.5	58.7	61.9	62.6	64.5	64.5	65.2	65.2	65.2
≥ 6000	20.7	45.8	55.5	58.7	61.9	62.6	64.5	64.5	65.2	65.2	65.2
≥ 5000	20.7	47.1	56.8	60.7	63.9	64.5	66.5	66.5	67.1	67.1	67.1
≥ 4500	20.7	47.1	56.8	61.9	65.2	65.8	67.7	67.7	68.4	68.4	68.4
≥ 4000	20.7	50.3	60.7	65.8	69.0	69.7	71.6	71.6	72.3	72.3	72.3
≥ 3500	21.3	51.6	62.6	68.4	71.6	72.3	74.2	74.2	74.8	74.8	74.8
≥ 3000	22.6	54.2	67.1	72.9	76.8	77.4	79.4	79.4	80.7	80.7	80.7
≥ 2500	22.6	54.8	68.4	74.8	80.0	80.7	82.6	82.6	83.9	83.9	83.9
≥ 2000	22.6	55.5	69.7	76.1	81.3	81.9	83.9	83.9	85.8	85.8	85.8
≥ 1800	22.6	55.5	69.7	76.1	81.3	81.9	83.9	83.9	85.8	85.8	85.8
≥ 1500	22.6	56.1	70.3	77.4	82.6	83.2	85.2	85.2	87.1	87.1	87.1
≥ 1200	22.6	56.1	71.0	78.1	83.2	83.9	85.8	85.8	87.7	87.7	87.7
≥ 1000	22.6	56.8	72.9	80.0	86.5	87.7	90.3	90.3	92.9	92.9	92.9
≥ 900	22.6	56.8	72.9	80.0	86.5	87.7	90.3	90.3	92.9	92.9	92.9
≥ 800	22.6	56.8	72.9	80.7	87.1	88.4	91.0	91.0	93.6	93.6	93.6
≥ 700	22.6	56.8	72.9	80.7	87.1	89.0	91.6	91.6	94.2	94.2	94.2
≥ 600	22.6	56.8	72.9	80.7	87.7	89.7	92.3	92.3	95.5	95.5	95.5
≥ 500	22.6	56.8	72.9	81.3	88.4	90.3	92.9	92.9	96.1	96.1	96.1
≥ 400	22.6	56.8	72.9	81.3	88.4	90.3	93.6	93.6	96.8	96.8	96.8
≥ 300	22.6	56.8	72.9	81.3	88.4	90.3	93.6	93.6	96.8	96.8	96.8
≥ 200	22.6	56.8	72.9	81.3	88.4	90.3	93.6	93.6	96.8	96.8	96.8
≥ 100	22.6	56.8	72.9	81.3	88.4	90.3	93.6	93.6	96.8	96.8	96.8
0	22.6	56.8	72.9	81.3	88.4	90.3	93.6	93.6	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

OCT
MONTH

18

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	11.0	31.6	33.6	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000	11.6	34.8	37.4	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 18000	11.6	34.8	37.4	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 16000	11.6	34.8	37.4	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 14000	12.3	35.5	38.1	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	13.6	36.8	40.0	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 10000	14.2	39.4	43.2	45.2	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	14.2	39.4	43.2	45.2	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 8000	15.5	43.9	49.0	51.6	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 7000	16.1	45.2	50.3	52.9	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 6000	16.1	45.2	51.0	53.6	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 5000	16.8	47.7	54.8	57.4	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4500	16.8	49.7	56.8	59.4	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4000	16.8	53.6	60.7	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	17.4	57.4	65.2	69.7	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000	18.1	61.3	71.0	76.8	79.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	18.1	62.6	72.3	78.1	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	18.1	63.9	74.8	80.7	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	18.1	63.9	74.8	80.7	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	18.7	65.2	76.1	82.6	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	18.7	65.2	76.1	82.6	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	18.7	65.8	76.8	84.5	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	18.7	65.8	76.8	85.2	91.0	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	18.7	65.8	76.8	86.5	92.3	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	18.7	65.8	76.8	86.5	92.3	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	18.7	65.8	76.8	87.1	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	18.7	65.8	76.8	87.1	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	18.7	65.8	76.8	87.1	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	18.7	65.8	76.8	87.1	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	18.7	65.8	76.8	87.1	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	18.7	65.8	76.8	87.1	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 0	18.7	65.8	76.8	87.1	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	11.6	32.9	35.5	36.1	36.8	36.8	37.4	37.4	37.4	37.4	37.4
≥ 20000	11.6	35.5	39.4	40.0	40.7	40.7	41.3	41.3	41.3	41.9	41.9
18000	12.3	36.1	40.0	40.7	41.3	41.3	41.9	41.9	41.9	42.6	42.6
16000	12.3	36.1	40.0	40.7	41.3	41.3	41.9	41.9	41.9	42.6	42.6
14000	12.9	36.8	40.7	41.3	41.9	41.9	42.6	42.6	42.6	43.2	43.2
12000	12.9	38.1	41.9	42.6	43.2	43.2	43.9	43.9	43.9	44.5	44.5
10000	14.2	40.7	44.5	45.2	45.8	45.8	47.1	47.1	47.1	47.7	47.7
9000	14.2	40.7	44.5	45.2	45.8	45.8	47.1	47.1	47.1	47.7	47.7
8000	15.5	45.2	49.0	50.3	52.3	52.3	53.6	53.6	53.6	54.2	54.2
7000	15.5	46.5	51.0	52.3	54.2	54.2	55.5	55.5	55.5	56.1	56.1
6000	15.5	46.5	51.0	52.3	54.2	54.2	55.5	55.5	55.5	56.1	56.1
5000	16.8	47.7	52.9	55.5	57.4	57.4	58.7	58.7	58.7	59.4	59.4
4500	16.8	48.4	53.6	56.1	58.1	58.1	59.4	59.4	59.4	60.0	60.0
4000	18.7	54.8	60.0	63.2	65.2	65.2	66.5	66.5	66.5	67.1	67.1
3500	20.0	57.4	63.2	66.5	69.0	69.0	70.3	70.3	70.3	71.0	71.0
3000	21.9	61.9	67.7	71.6	75.5	75.5	76.8	76.8	76.8	77.4	77.4
2500	21.9	62.6	69.7	74.8	79.4	79.4	80.7	80.7	80.7	81.3	81.3
2000	23.9	66.5	74.2	79.4	83.9	83.9	85.2	85.2	85.2	85.8	85.8
1800	23.9	66.5	74.2	79.4	83.9	83.9	85.2	85.2	85.2	85.8	85.8
1500	24.5	69.0	76.8	81.9	87.1	87.1	89.0	89.0	89.0	91.0	91.0
1200	24.5	69.7	77.4	82.6	87.7	87.7	90.3	90.3	91.0	92.3	92.3
1000	24.5	69.7	78.1	83.2	89.7	89.7	91.0	91.0	91.0	92.3	92.3
900	24.5	69.7	78.1	83.2	89.7	89.7	91.0	91.0	91.0	92.3	92.3
800	24.5	69.7	78.1	83.2	89.7	89.7	91.0	91.0	91.0	92.3	92.3
700	24.5	69.7	78.1	83.2	89.7	89.7	91.0	91.0	91.0	92.3	92.3
600	24.5	70.3	78.7	84.5	91.0	91.0	92.9	92.9	92.9	95.5	95.5
500	24.5	70.3	78.7	84.5	91.0	91.0	92.9	92.9	92.9	95.5	95.5
400	24.5	70.3	78.7	84.5	91.0	91.0	92.9	92.9	92.9	95.5	95.5
300	24.5	70.3	78.7	84.5	91.0	91.0	92.9	92.9	92.9	95.5	95.5
200	24.5	70.3	78.7	84.5	91.0	91.0	92.9	92.9	92.9	95.5	95.5
100	24.5	70.3	78.7	84.5	91.0	91.0	92.9	92.9	92.9	95.5	95.5
0	24.5	70.3	78.7	84.5	91.0	91.0	92.9	92.9	92.9	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DCY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	8.6	22.4	25.9	28.4	30.2	30.4	31.0	31.2	31.2	31.5	31.5	31.5	31.6	31.6
≥ 20000	9.8	26.1	30.2	33.5	35.7	35.8	36.5	36.7	36.7	37.2	37.2	37.2	37.3	37.3
≥ 18000	9.8	26.1	30.3	33.6	35.7	35.9	36.5	36.8	36.8	37.3	37.3	37.3	37.3	37.3
≥ 16000	9.8	26.1	30.3	33.6	35.7	35.9	36.5	36.8	36.8	37.3	37.3	37.3	37.3	37.3
≥ 14000	10.0	26.6	30.9	34.1	36.3	36.5	37.1	37.3	37.3	37.8	37.8	37.9	37.9	37.9
≥ 12000	10.2	27.4	31.8	35.1	37.3	37.5	38.2	38.5	38.5	39.0	39.0	39.1	39.1	39.1
≥ 10000	11.9	31.3	36.5	40.2	42.7	42.9	44.0	44.2	44.2	44.8	44.8	44.9	44.9	44.9
≥ 9000	12.0	31.8	36.9	40.9	43.4	43.6	44.6	44.8	44.8	45.4	45.5	45.6	45.6	45.6
≥ 8000	13.6	36.9	43.3	48.3	51.4	51.7	53.0	53.5	53.5	54.1	54.2	54.3	54.3	54.3
≥ 7000	14.1	38.6	45.3	50.7	54.0	54.3	55.6	56.1	56.1	56.7	56.8	56.9	56.9	56.9
≥ 6000	14.2	38.7	45.6	51.1	54.3	54.6	55.9	56.4	56.4	57.0	57.1	57.2	57.2	57.2
≥ 5000	14.8	40.3	47.5	53.4	56.7	57.0	58.5	59.0	59.0	59.7	59.8	59.8	59.8	59.8
≥ 4500	14.8	40.9	48.4	54.5	57.8	58.2	59.6	60.1	60.1	60.8	60.9	61.0	61.0	61.0
≥ 4000	15.6	44.5	53.1	59.7	63.2	63.6	65.2	65.7	65.7	66.5	66.6	66.7	66.7	66.7
≥ 3500	16.7	47.2	56.2	63.4	67.4	68.0	69.7	70.3	70.3	71.2	71.4	71.5	71.5	71.5
≥ 3000	18.0	50.9	60.7	68.5	73.0	73.6	75.5	76.2	76.2	77.3	77.5	77.8	77.8	77.8
≥ 2500	18.1	52.1	62.5	71.1	76.1	76.8	78.9	79.6	79.6	80.9	81.1	81.7	81.7	81.7
≥ 2000	18.5	53.8	64.8	73.4	78.6	79.3	81.5	82.4	82.4	83.9	84.1	84.8	84.8	84.8
≥ 1800	18.5	53.8	64.8	73.4	78.6	79.3	81.5	82.4	82.4	83.9	84.1	84.8	84.8	84.8
≥ 1500	18.7	54.8	66.1	75.1	80.7	81.5	83.8	84.9	84.9	86.6	86.9	87.6	87.6	87.7
≥ 1200	18.8	55.2	66.5	75.7	81.5	82.3	84.7	85.8	85.8	87.5	88.0	88.6	88.6	88.8
≥ 1000	18.8	56.1	67.7	77.0	83.8	84.9	88.0	89.2	89.2	91.5	92.3	93.0	93.1	93.2
≥ 900	18.8	56.1	67.7	77.1	83.9	85.0	88.1	89.3	89.3	91.5	92.3	93.1	93.2	93.3
≥ 800	18.8	56.6	68.4	78.2	85.1	86.4	89.8	91.7	91.7	94.0	95.2	96.0	96.1	96.2
≥ 700	18.8	56.6	68.5	78.3	85.2	86.6	90.1	92.1	92.1	94.4	95.7	96.5	96.5	96.7
≥ 600	18.8	56.7	68.6	78.5	85.6	87.0	90.7	92.9	92.9	95.5	96.7	97.6	97.7	97.8
≥ 500	18.8	56.7	68.6	78.6	85.8	87.3	91.0	93.3	93.3	96.3	97.7	98.6	98.7	99.0
≥ 400	18.8	56.7	68.6	78.6	85.8	87.3	91.1	93.4	93.4	96.4	97.8	98.8	98.9	99.1
≥ 300	18.8	56.7	68.6	78.6	85.8	87.3	91.1	93.5	93.5	96.5	98.0	99.1	99.3	99.6
≥ 200	18.8	56.7	68.6	78.6	85.8	87.3	91.1	93.5	93.5	96.5	98.0	99.3	99.4	99.9
≥ 100	18.8	56.7	68.6	78.6	85.8	87.3	91.1	93.5	93.5	96.5	98.0	99.3	99.4	99.9
≥ 0	18.8	56.7	68.6	78.6	85.8	87.3	91.1	93.5	93.5	96.5	98.0	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

NDV
NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	18.0	40.7	43.3	47.3	49.3	49.3	49.3	50.0	50.0	50.7	50.7	50.7	50.7
≥ 20000	18.0	42.0	45.3	49.3	51.3	51.3	51.3	52.0	52.0	52.7	52.7	52.7	52.7
≥ 18000	18.0	42.0	45.3	49.3	51.3	51.3	51.3	52.0	52.0	52.7	52.7	52.7	52.7
≥ 16000	18.0	42.0	45.3	49.3	51.3	51.3	51.3	52.0	52.0	52.7	52.7	52.7	52.7
≥ 14000	18.0	42.0	45.3	49.3	51.3	51.3	51.3	52.0	52.0	52.7	52.7	52.7	52.7
≥ 12000	18.7	42.7	46.0	50.0	52.7	52.7	52.7	53.3	53.3	54.0	54.0	54.0	54.0
≥ 10000	19.3	44.7	48.7	52.7	55.3	55.3	55.3	56.0	56.0	56.7	56.7	56.7	56.7
≥ 9000	19.3	44.7	48.7	53.3	56.0	56.0	56.0	56.7	56.7	57.3	57.3	57.3	57.3
≥ 8000	20.7	50.0	54.7	59.3	62.0	62.0	62.0	62.7	62.7	63.3	63.3	63.3	63.3
≥ 7000	21.3	52.7	57.3	62.0	65.3	65.3	65.3	66.0	66.0	66.7	66.7	67.3	67.3
≥ 6000	21.3	52.7	58.0	62.7	66.0	66.0	66.0	66.7	67.3	68.0	68.0	68.0	68.0
≥ 5000	23.3	56.0	61.3	66.0	69.3	69.3	69.3	70.0	70.7	71.3	71.3	71.3	71.3
≥ 4500	23.3	56.0	61.3	66.0	69.3	69.3	69.3	70.0	70.7	71.3	71.3	71.3	71.3
≥ 4000	24.7	62.0	67.3	72.0	75.3	75.3	75.3	76.0	76.7	77.3	77.3	77.3	77.3
≥ 3500	26.0	64.0	69.3	74.7	78.0	78.0	78.0	78.7	79.3	80.0	80.0	80.0	80.0
≥ 3000	26.7	68.0	74.0	79.3	83.3	83.3	84.0	84.7	84.7	85.3	85.3	85.3	85.3
≥ 2500	26.7	70.0	76.7	82.7	86.7	86.7	87.3	88.0	88.0	88.7	88.7	88.7	88.7
≥ 2000	26.7	71.3	78.0	84.0	88.7	88.7	89.3	90.0	90.0	90.7	90.7	90.7	90.7
≥ 1800	26.7	71.3	78.0	84.0	88.7	88.7	89.3	90.0	90.0	90.7	90.7	90.7	90.7
≥ 1500	27.3	72.7	79.3	85.3	90.0	90.0	91.3	92.0	92.0	92.7	92.7	92.7	92.7
≥ 1200	27.3	72.7	79.3	85.3	90.0	90.0	91.3	92.0	92.0	92.7	92.7	92.7	92.7
≥ 1000	27.3	74.0	80.7	87.3	92.7	92.7	94.0	94.7	94.7	96.0	96.0	97.3	97.3
≥ 900	27.3	74.0	80.7	87.3	92.7	92.7	94.0	94.7	94.7	96.0	96.0	97.3	97.3
≥ 800	27.3	74.7	81.3	88.0	94.0	94.0	95.3	96.0	96.0	97.3	97.3	98.7	98.7
≥ 700	27.3	74.7	81.3	88.0	94.7	94.7	96.0	96.7	96.7	98.0	98.0	99.3	99.3
≥ 600	27.3	74.7	81.3	88.0	94.7	94.7	96.0	96.7	96.7	98.0	98.0	99.3	99.3
≥ 500	27.3	74.7	81.3	88.0	95.3	95.3	96.7	97.3	97.3	98.7	98.7	100.0	100.0
≥ 400	27.3	74.7	81.3	88.0	95.3	95.3	96.7	97.3	97.3	98.7	98.7	100.0	100.0
≥ 300	27.3	74.7	81.3	88.0	95.3	95.3	96.7	97.3	97.3	98.7	98.7	100.0	100.0
≥ 200	27.3	74.7	81.3	88.0	95.3	95.3	96.7	97.3	97.3	98.7	98.7	100.0	100.0
≥ 100	27.3	74.7	81.3	88.0	95.3	95.3	96.7	97.3	97.3	98.7	98.7	100.0	100.0
≥ 0	27.3	74.7	81.3	88.0	95.3	95.3	96.7	97.3	97.3	98.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

NOV

MONTH

03

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	17.3	40.7	46.0	50.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	18.0	41.3	46.7	51.3	53.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	18.0	41.3	46.7	51.3	53.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	18.0	41.3	46.7	51.3	53.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	18.0	41.3	46.7	51.3	53.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	18.0	41.3	46.7	51.3	53.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	18.7	43.3	49.3	54.0	56.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	18.7	43.3	49.3	54.0	56.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	18.7	46.0	52.0	56.7	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	18.7	48.0	54.0	59.3	62.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	18.7	48.7	54.7	60.7	63.3	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	20.7	52.0	58.7	64.7	67.3	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	21.3	52.7	59.3	65.3	68.0	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4000	22.7	58.0	65.3	71.3	74.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	24.0	60.0	67.3	73.3	76.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	24.7	64.7	72.0	78.0	81.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	25.3	67.3	76.0	82.0	85.3	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	26.0	70.0	78.7	84.7	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	26.0	70.0	78.7	84.7	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	26.0	70.7	79.3	86.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	26.0	71.3	80.0	86.7	92.0	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 200	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 100	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
0	26.7	72.0	80.7	88.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323 STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 0
NO CEILING	18.7	36.0	38.7	44.0	46.0	46.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	20.0	37.3	40.0	46.0	48.0	48.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	20.0	37.3	40.0	46.0	48.0	48.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	20.0	37.3	40.0	46.0	48.0	48.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	20.0	37.3	40.0	46.0	48.0	48.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	21.3	39.3	42.0	48.0	50.0	50.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	21.3	40.0	43.3	49.3	52.0	52.0	54.7	54.7	54.7	54.7	54.7
≥ 9000	21.3	40.0	43.3	49.3	52.0	52.0	54.7	54.7	54.7	54.7	54.7
≥ 8000	21.3	44.0	47.3	53.3	56.0	56.0	58.7	58.7	58.7	58.7	58.7
≥ 7000	21.3	47.3	50.7	57.3	60.7	60.7	63.3	63.3	63.3	63.3	63.3
≥ 6000	21.3	48.0	51.3	58.0	61.3	61.3	64.0	64.0	64.0	64.0	64.0
≥ 5000	22.7	50.0	54.0	60.7	64.0	64.0	66.7	67.3	67.3	67.3	67.3
≥ 4500	22.7	50.0	54.0	61.3	64.7	64.7	67.3	68.0	68.0	68.0	68.0
≥ 4000	24.0	54.7	59.3	66.7	70.7	70.7	73.3	74.0	74.0	74.0	74.0
≥ 3500	24.0	58.0	62.7	70.0	74.7	74.7	77.3	78.0	78.0	78.0	78.0
≥ 3000	26.0	64.7	69.3	76.7	82.0	82.0	84.7	85.3	85.3	85.3	85.3
≥ 2500	26.0	66.0	70.7	78.0	83.3	83.3	86.0	86.7	86.7	86.7	86.7
≥ 2000	26.7	69.3	74.7	82.0	87.3	87.3	90.0	90.7	91.3	91.3	91.3
≥ 1800	26.7	69.3	74.7	82.0	87.3	87.3	90.0	90.7	91.3	91.3	91.3
≥ 1500	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 1200	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 1000	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 900	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 800	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 700	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 600	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 500	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 400	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 300	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 200	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
≥ 100	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3
0	27.3	70.7	76.7	84.0	89.3	89.3	92.0	92.7	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323

YOKOSUKA, JAPAN

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	19.3	36.0	39.3	43.3	46.0	46.0	46.0	48.7	48.7	49.3	49.3	49.3	49.3	49.3
≥ 20000	20.0	38.7	42.0	46.0	48.7	48.7	48.7	50.7	51.3	52.7	52.7	52.7	52.7	52.7
≥ 18000	20.0	38.7	42.0	46.0	48.7	48.7	48.7	50.7	51.3	52.7	52.7	52.7	52.7	52.7
≥ 16000	20.0	38.7	42.0	46.0	48.7	48.7	48.7	50.7	51.3	52.7	52.7	52.7	52.7	52.7
≥ 14000	20.0	38.7	42.0	46.0	48.7	48.7	48.7	50.7	51.3	52.7	52.7	52.7	52.7	52.7
≥ 12000	20.7	39.3	42.7	46.7	50.0	50.0	52.0	52.0	53.3	54.7	55.3	55.3	55.3	55.3
≥ 10000	20.7	40.0	44.0	48.7	52.0	52.7	54.7	56.0	56.0	57.3	58.0	58.0	58.0	58.0
≥ 9000	20.7	40.0	44.0	48.7	52.0	52.7	54.7	56.0	56.0	57.3	58.0	58.0	58.0	58.0
≥ 8000	20.7	41.3	46.7	51.3	56.0	56.7	58.7	60.0	60.0	61.3	62.0	62.0	62.0	62.0
≥ 7000	21.3	42.0	48.7	54.7	59.3	60.0	62.0	63.3	63.3	64.7	65.3	65.3	65.3	65.3
≥ 6000	22.0	43.3	50.0	56.0	60.7	61.3	63.3	64.7	64.7	66.0	66.7	66.7	66.7	66.7
≥ 5000	23.3	46.7	53.3	60.0	64.7	65.3	67.3	68.7	68.7	70.0	70.7	70.7	70.7	70.7
≥ 4500	23.3	46.7	53.3	60.0	64.7	65.3	67.3	68.7	68.7	70.0	70.7	70.7	70.7	70.7
≥ 4000	26.7	53.3	60.7	68.7	73.3	74.0	76.0	77.3	77.3	79.3	80.0	80.0	80.0	80.0
≥ 3500	27.3	55.3	62.7	71.3	76.0	76.7	78.7	80.0	80.0	82.0	82.7	82.7	82.7	82.7
≥ 3000	28.0	57.3	65.3	74.7	80.0	80.7	82.7	84.0	84.0	86.0	86.7	86.7	86.7	86.7
≥ 2500	28.0	57.3	65.3	75.3	80.7	81.3	83.3	84.7	84.7	86.7	87.3	87.3	87.3	87.3
≥ 2000	28.7	58.0	66.0	76.7	82.0	82.7	84.7	86.0	86.0	88.0	88.7	88.7	88.7	88.7
≥ 1800	28.7	58.0	66.0	76.7	82.0	82.7	84.7	86.0	86.0	88.0	88.7	88.7	88.7	88.7
≥ 1500	29.3	59.3	67.3	78.0	83.3	84.7	86.7	88.0	88.0	90.7	91.3	91.3	91.3	91.3
≥ 1200	29.3	59.3	67.3	78.0	83.3	84.7	86.7	88.7	88.7	91.3	92.0	92.0	92.0	92.0
≥ 1000	29.3	59.3	68.0	78.7	84.0	85.3	88.0	90.0	90.0	92.7	93.3	93.3	93.3	93.3
≥ 900	29.3	59.3	68.0	78.7	84.0	85.3	88.0	90.0	90.0	92.7	93.3	93.3	93.3	93.3
≥ 800	29.3	59.3	68.0	78.7	84.0	86.0	88.7	92.0	92.0	95.3	96.0	96.0	96.0	96.0
≥ 700	29.3	59.3	68.0	78.7	84.0	86.0	88.7	92.0	92.0	95.3	96.0	96.0	96.7	96.7
≥ 600	29.3	59.3	68.0	78.7	84.0	86.0	88.7	92.0	92.0	95.3	96.0	96.0	96.7	96.7
≥ 500	29.3	59.3	68.0	79.3	85.3	87.3	90.0	93.3	93.3	96.7	97.3	97.3	98.0	98.0
≥ 400	29.3	59.3	68.0	79.3	85.3	87.3	90.0	94.0	94.0	97.3	98.0	98.0	99.3	99.3
≥ 300	29.3	59.3	68.0	79.3	85.3	87.3	90.0	94.0	94.0	97.3	98.0	98.0	99.3	99.3
≥ 200	29.3	59.3	68.0	79.3	85.3	87.3	90.0	94.0	94.0	97.3	98.0	98.0	99.3	99.3
≥ 100	29.3	59.3	68.0	79.3	85.3	87.3	90.0	94.0	94.0	97.3	98.0	98.0	99.3	99.3
0	29.3	59.3	68.0	79.3	85.3	87.3	90.0	94.0	94.0	97.3	98.0	98.0	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

NOV

MOUTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	18.0	36.0	39.3	43.3	44.7	45.3	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	19.3	39.3	43.3	47.3	48.7	49.3	51.3	51.3	51.3	51.3	51.3	51.3
AI 18000	19.3	39.3	43.3	47.3	48.7	49.3	51.3	51.3	51.3	51.3	51.3	51.3
AI 16000	19.3	39.3	43.3	47.3	48.7	49.3	51.3	51.3	51.3	51.3	51.3	51.3
AI 14000	19.3	39.3	44.0	48.0	49.3	50.0	52.0	52.0	52.0	52.0	52.0	52.0
AI 12000	19.3	39.3	44.0	48.0	49.3	50.0	52.0	52.0	52.0	52.0	52.0	52.0
AI 10000	19.3	39.3	44.0	48.7	51.3	52.0	54.0	54.7	54.7	54.7	54.7	54.7
AI 9000	19.3	39.3	44.0	48.7	51.3	52.0	54.0	54.7	54.7	54.7	54.7	54.7
AI 8000	20.0	44.0	50.7	56.0	58.7	59.3	61.3	62.0	62.0	62.0	62.0	62.0
AI 7000	20.7	45.3	52.7	58.0	62.0	62.7	64.7	65.3	65.3	66.0	66.0	66.0
AI 6000	20.7	45.3	52.7	58.0	62.0	62.7	64.7	65.3	65.3	66.0	66.0	66.0
AI 5000	22.7	46.7	58.0	64.0	68.0	68.7	70.7	71.3	71.3	72.0	72.0	72.0
AI 4500	23.3	50.0	59.3	65.3	69.3	70.0	72.0	72.7	73.3	73.3	73.3	73.3
AI 4000	26.0	54.7	64.0	71.3	75.3	76.0	78.0	78.7	79.3	79.3	79.3	79.3
AI 3500	27.3	56.0	65.3	72.7	76.7	77.3	79.3	80.0	80.7	80.7	80.7	80.7
AI 3000	28.7	59.3	70.0	77.3	81.3	82.0	84.0	84.7	85.3	85.3	85.3	85.3
AI 2500	28.7	59.3	70.0	78.0	82.0	82.7	85.3	86.0	86.7	86.7	86.7	86.7
AI 2000	28.7	60.0	71.3	79.3	83.3	84.0	86.7	88.0	88.7	88.7	88.7	88.7
AI 1800	28.7	60.0	71.3	79.3	83.3	84.0	86.7	88.0	88.7	88.7	88.7	88.7
AI 1500	28.7	61.3	73.3	81.3	85.3	86.0	88.7	90.7	91.3	92.0	92.0	92.0
AI 1200	28.7	61.3	73.3	81.3	85.3	86.0	88.7	90.7	91.3	92.0	92.0	92.0
AI 1000	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 900	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 800	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 700	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 600	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 500	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 400	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 300	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 200	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
AI 100	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3
0	28.7	61.3	74.0	82.0	86.0	86.7	89.3	92.0	92.7	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

NOV

MONTH

15

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	23.3	36.7	38.7	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	26.0	43.3	46.0	48.7	49.3	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0
≥ 18000	26.0	43.3	46.0	48.7	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	26.0	43.3	46.0	49.3	50.0	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	26.7	44.0	46.7	50.0	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	27.3	44.7	48.0	51.3	52.0	52.0	52.0	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	28.0	48.7	52.7	56.0	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	28.0	48.7	52.7	56.0	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	28.0	50.0	54.0	57.3	58.7	58.7	58.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	28.0	50.0	54.7	58.0	59.3	59.3	60.0	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000	28.0	50.0	54.7	58.7	60.0	60.0	60.7	62.0	62.0	62.0	62.0	62.0	62.0
≥ 5000	28.7	52.0	57.3	62.7	64.0	64.0	64.7	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4500	28.7	54.0	59.3	64.7	66.0	66.0	66.7	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000	31.3	58.0	63.3	68.7	72.0	72.0	72.7	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	32.7	59.3	66.7	72.0	75.3	75.3	76.0	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	34.7	64.0	72.0	78.0	81.3	81.3	82.0	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	34.7	66.0	74.0	81.3	84.7	85.3	86.0	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	34.7	66.7	74.7	82.0	85.3	86.0	86.7	88.0	88.0	88.7	88.7	88.7	88.7
≥ 1800	34.7	66.7	74.7	82.0	85.3	86.0	86.7	88.0	88.0	88.7	88.7	88.7	88.7
≥ 1500	34.7	68.0	76.0	83.3	86.7	87.3	88.0	89.3	89.3	90.0	90.0	90.0	90.0
≥ 1200	34.7	68.0	76.0	83.3	86.7	87.3	88.0	89.3	89.3	90.0	90.0	90.0	90.0
≥ 1000	34.7	68.7	78.0	85.3	88.7	89.3	90.0	92.0	92.0	93.3	93.3	93.3	93.3
≥ 900	34.7	68.7	78.0	85.3	88.7	89.3	90.0	92.0	92.0	93.3	93.3	93.3	93.3
≥ 800	34.7	68.7	78.0	86.7	90.0	90.7	91.3	93.3	93.3	94.7	94.7	94.7	94.7
≥ 700	34.7	68.7	78.7	86.7	90.0	90.7	91.3	93.3	93.3	94.7	95.3	96.0	96.0
≥ 600	34.7	68.7	78.7	86.7	90.0	90.7	91.3	93.3	93.3	95.3	96.0	96.7	96.7
≥ 500	34.7	68.7	78.7	86.7	90.0	90.7	91.3	93.3	93.3	95.3	96.7	97.3	97.3
≥ 400	34.7	68.7	79.3	87.3	90.7	91.3	92.7	94.7	94.7	96.7	98.0	98.7	98.7
≥ 300	34.7	68.7	79.3	87.3	90.7	91.3	92.7	94.7	94.7	96.7	98.7	100.0	100.0
≥ 200	34.7	68.7	79.3	87.3	90.7	91.3	92.7	94.7	94.7	96.7	98.7	100.0	100.0
≥ 100	34.7	68.7	79.3	87.3	90.7	91.3	92.7	94.7	94.7	96.7	98.7	100.0	100.0
0	34.7	68.7	79.3	87.3	90.7	91.3	92.7	94.7	94.7	96.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

12

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323

YUKOSUKA, JAPAN

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

18

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	16.7	38.7	40.7	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	17.3	42.0	44.7	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
AI 18000	17.3	42.0	44.7	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
AI 16000	18.0	42.7	45.3	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AI 14000	18.0	43.3	46.0	48.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
AI 12000	18.7	44.0	46.7	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
AI 10000	19.3	47.3	51.3	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
AI 9000	19.3	47.3	51.3	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
AI 8000	21.3	51.3	56.0	59.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
AI 7000	21.3	53.3	58.7	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
AI 6000	21.3	53.3	58.7	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
AI 5000	23.3	55.3	61.3	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 4500	23.3	55.3	61.3	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 4000	25.3	59.3	65.3	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
AI 3500	26.0	60.0	66.0	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
AI 3000	29.3	68.0	74.0	79.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 2500	29.3	68.7	74.7	80.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
AI 2000	29.3	70.0	76.0	81.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 1800	29.3	70.0	76.0	81.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 1500	29.3	70.7	77.3	82.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
AI 1200	29.3	71.3	78.0	83.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
AI 1000	29.3	72.7	80.0	85.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 900	29.3	72.7	80.0	85.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 800	29.3	72.7	80.0	85.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 700	29.3	72.7	80.0	86.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 600	29.3	73.3	81.3	87.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 500	29.3	73.3	82.0	88.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 400	29.3	73.3	82.0	88.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 300	29.3	73.3	82.0	88.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 200	29.3	73.3	82.0	88.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 100	29.3	73.3	82.0	88.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 0	29.3	73.3	82.0	88.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	20.0	48.0	48.0	48.7	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	20.7	50.0	50.7	52.0	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	20.7	50.0	50.7	52.0	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	20.7	50.0	50.7	52.0	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	20.7	50.0	50.7	52.0	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	21.3	50.7	51.3	53.3	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	21.3	52.0	53.3	55.3	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	21.3	52.0	53.3	55.3	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7
8000	23.3	58.7	60.0	62.0	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3
7000	23.3	59.3	60.7	62.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
6000	23.3	59.3	60.7	62.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
5000	24.0	62.0	63.3	66.0	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
4500	24.0	62.0	63.3	66.0	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
4000	24.7	66.7	69.3	73.3	74.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
3500	26.0	68.7	71.3	76.0	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
3000	29.3	76.0	78.7	83.3	84.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2500	29.3	78.0	81.3	86.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2000	29.3	78.7	82.0	88.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1800	29.3	78.7	82.0	88.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1500	29.3	78.7	83.3	89.3	91.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1200	29.3	78.7	83.3	89.3	91.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1000	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
900	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
800	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
700	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
600	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
500	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
400	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
300	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
200	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
100	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	29.3	80.7	85.3	92.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

43323

YOKUSUKA, JAPAN

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	18.9	39.1	41.8	45.0	46.6	46.7	47.5	47.7	47.7	47.8	47.8
≥ 20000	19.9	41.8	44.8	48.5	50.2	50.3	51.3	51.5	51.5	51.8	51.8
AI 18000	19.9	41.8	44.8	48.5	50.2	50.3	51.3	51.5	51.5	51.8	51.8
AI 16000	20.0	41.8	44.9	48.7	50.3	50.4	51.4	51.7	51.7	51.9	51.9
AI 14000	20.1	42.0	45.2	48.9	50.6	50.7	51.7	51.9	51.9	52.2	52.2
AI 12000	20.7	42.7	45.9	49.8	51.6	51.7	52.7	53.1	53.1	53.3	53.4
AI 10000	21.0	44.4	48.3	52.3	54.4	54.6	55.7	56.1	56.1	56.3	56.4
AI 9000	21.0	44.4	48.3	52.4	54.5	54.7	55.8	56.2	56.2	56.4	56.5
AI 8000	21.8	48.2	52.7	56.9	59.3	59.4	60.6	61.1	61.1	61.3	61.4
AI 7000	22.0	49.8	54.7	59.3	62.1	62.3	63.5	64.0	64.0	64.3	64.4
AI 6000	22.1	50.1	55.1	59.8	62.7	62.8	64.1	64.6	64.6	64.9	65.0
AI 5000	23.6	52.8	58.4	63.8	66.6	66.8	68.0	68.7	68.7	69.0	69.1
AI 4500	23.8	53.3	58.9	64.3	67.2	67.3	68.6	69.3	69.3	69.6	69.7
AI 4000	25.7	58.3	64.3	70.3	73.5	73.7	75.0	75.7	75.7	76.1	76.2
AI 3500	26.7	60.2	66.4	72.7	76.0	76.2	77.6	78.3	78.3	78.7	78.8
AI 3000	28.4	65.3	71.9	78.3	82.0	82.2	83.6	84.3	84.3	84.7	84.8
AI 2500	28.5	66.6	73.6	80.5	84.3	84.7	86.3	86.9	86.9	87.3	87.5
AI 2000	28.8	68.0	75.2	82.3	86.5	86.8	88.6	89.4	89.4	89.9	90.2
AI 1800	28.8	68.0	75.2	82.3	86.5	86.8	88.6	89.4	89.4	89.9	90.2
AI 1500	29.0	69.0	76.6	83.8	88.1	88.5	90.4	91.3	91.3	91.9	92.3
AI 1200	29.0	69.2	76.6	83.9	88.3	88.7	90.7	91.7	91.7	92.3	92.6
AI 1000	29.1	69.9	78.0	85.4	90.2	90.7	92.8	94.1	94.1	95.0	95.4
AI 900	29.1	69.9	78.0	85.5	90.3	90.8	92.9	94.2	94.2	95.1	95.5
AI 800	29.1	70.0	78.2	85.8	90.8	91.3	93.5	94.9	94.9	95.9	96.4
AI 700	29.1	70.0	78.2	85.8	91.0	91.6	93.8	95.2	95.2	96.3	96.8
AI 600	29.1	70.1	78.3	86.0	91.2	91.8	94.0	95.4	95.4	96.6	97.3
AI 500	29.1	70.1	78.4	86.2	91.5	92.1	94.4	95.8	95.8	97.0	97.8
AI 400	29.1	70.1	78.6	86.3	91.8	92.3	94.8	96.3	96.3	97.4	98.3
AI 300	29.1	70.1	78.6	86.3	91.8	92.4	94.8	96.3	96.3	97.5	98.6
AI 200	29.1	70.1	78.6	86.3	91.8	92.4	94.8	96.3	96.3	97.6	98.7
AI 100	29.1	70.1	78.6	86.3	91.8	92.4	94.8	96.3	96.3	97.6	98.7
AI 0	29.1	70.1	78.6	86.3	91.9	92.5	94.9	96.4	96.4	97.7	98.8

1200

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	20.7	51.6	54.8	57.4	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	21.9	53.6	56.8	59.4	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	21.9	53.6	56.8	59.4	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	21.9	53.6	56.8	59.4	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	21.9	53.6	56.8	59.4	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	21.9	54.8	58.1	61.3	64.5	64.5	65.2	65.2	65.2	65.8	65.8	65.8	65.8
≥ 10000	21.9	54.8	58.1	61.3	65.2	65.2	65.8	65.8	65.8	66.5	66.5	67.1	67.1
≥ 9000	22.6	55.5	58.7	61.9	65.8	65.8	66.5	66.5	66.5	67.1	67.1	67.7	67.7
≥ 8000	23.2	59.4	63.2	66.5	70.3	70.3	71.0	71.0	71.0	72.3	72.3	72.9	72.9
≥ 7000	23.2	61.9	65.8	69.0	72.9	72.9	73.6	73.6	73.6	74.8	74.8	75.5	75.5
≥ 6000	23.2	61.9	65.8	69.0	72.9	72.9	73.6	73.6	73.6	74.8	74.8	75.5	75.5
≥ 5000	23.2	65.2	69.0	72.9	76.8	76.8	77.4	77.4	77.4	78.7	78.7	79.4	79.4
≥ 4500	23.2	65.8	69.7	73.6	77.4	77.4	78.1	78.1	78.1	79.4	79.4	80.0	80.0
≥ 4000	23.9	67.1	71.0	74.8	79.4	79.4	80.0	80.0	80.0	81.3	81.3	81.9	81.9
≥ 3500	24.5	69.7	74.2	78.1	82.6	82.6	83.2	83.2	83.2	85.2	85.2	85.8	85.8
≥ 3000	25.2	74.8	79.4	83.9	88.4	88.4	89.0	89.0	89.0	91.0	91.0	91.6	91.6
≥ 2500	25.2	75.5	80.0	84.5	89.0	89.0	89.7	89.7	89.7	91.6	91.6	92.3	92.3
≥ 2000	25.2	75.5	80.7	85.0	90.3	90.3	91.0	91.0	91.0	92.9	92.9	93.6	93.6
≥ 1800	25.2	75.5	80.7	85.8	90.3	90.3	91.0	91.0	91.0	92.9	92.9	93.6	93.6
≥ 1500	25.8	77.4	82.6	87.7	92.3	92.3	93.6	93.6	93.6	96.1	96.1	96.8	96.8
≥ 1200	25.8	77.4	82.6	87.7	92.3	92.3	93.6	93.6	93.6	96.8	96.8	97.4	97.4
≥ 1000	25.8	78.1	83.2	88.4	93.6	93.6	94.8	94.8	94.8	98.1	98.1	98.7	98.7
≥ 900	25.8	78.1	83.2	88.4	93.6	93.6	94.8	94.8	94.8	98.1	98.1	98.7	98.7
≥ 800	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 700	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 600	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 500	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 400	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 300	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 200	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 100	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4
≥ 0	25.8	78.1	83.9	89.0	94.2	94.2	95.5	95.5	95.5	98.7	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	20.7	49.7	52.9	58.1	60.7	60.7	61.3	61.3	61.3	62.6	62.6	62.6	62.6
≥ 20000	21.3	51.0	54.2	59.4	61.9	61.9	62.6	62.6	62.6	63.9	63.9	63.9	63.9
18000	21.3	51.0	54.2	59.4	61.9	61.9	62.6	62.6	62.6	63.9	63.9	63.9	63.9
16000	21.3	51.0	54.2	59.4	61.9	61.9	62.6	62.6	62.6	63.9	63.9	63.9	63.9
14000	21.3	51.0	54.2	59.4	61.9	61.9	62.6	62.6	62.6	63.9	63.9	63.9	63.9
12000	21.9	52.9	56.1	61.3	63.9	63.9	64.5	64.5	64.5	65.8	65.8	65.8	65.8
10000	21.9	52.9	56.1	61.3	63.9	63.9	64.5	64.5	64.5	65.8	65.8	65.8	65.8
9000	21.9	52.9	56.1	61.3	63.9	63.9	64.5	64.5	64.5	65.8	65.8	65.8	65.8
8000	23.2	56.1	59.4	65.2	68.4	68.4	70.3	70.3	70.3	72.3	72.3	72.3	72.3
7000	23.2	57.4	61.3	67.1	70.3	70.3	72.3	72.3	72.3	74.2	74.2	74.2	74.2
6000	23.2	57.4	61.3	67.1	70.3	70.3	72.3	72.3	72.3	74.2	74.2	74.2	74.2
5000	23.2	58.7	63.2	69.0	72.3	72.3	74.2	74.2	74.2	76.1	76.1	76.1	76.1
4500	23.2	58.7	63.2	69.0	72.3	72.3	74.2	74.2	74.2	76.1	76.1	76.1	76.1
4000	23.9	62.6	67.7	73.6	77.4	77.4	79.4	79.4	79.4	81.3	81.3	81.3	81.3
3500	23.9	64.5	69.7	75.5	80.0	80.0	81.9	81.9	81.9	83.9	83.9	83.9	83.9
3000	24.5	68.4	73.6	79.4	83.9	83.9	86.5	86.5	86.5	88.4	88.4	88.4	88.4
2500	24.5	70.3	75.5	81.3	85.8	85.8	89.0	89.0	89.0	91.0	91.0	91.0	91.0
2000	24.5	71.0	76.8	83.2	88.4	88.4	91.6	91.6	91.6	93.6	93.6	93.6	93.6
1800	24.5	71.0	76.8	83.2	88.4	88.4	91.6	91.6	91.6	93.6	93.6	93.6	93.6
1500	25.2	72.9	78.7	85.2	90.3	90.3	94.2	94.2	94.2	96.1	96.1	96.1	96.1
1200	25.2	72.9	78.7	85.2	90.3	90.3	94.2	94.2	94.2	96.1	96.1	96.1	96.1
1000	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
900	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
800	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
700	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
600	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
500	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
400	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
300	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
200	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
100	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1
0	25.2	73.6	79.4	85.8	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATION

YUKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC
MONTH

06

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.1	43.2	50.3	53.6	56.8	56.8	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4
≥ 20000	18.7	43.9	51.6	55.5	58.7	58.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3
≥ 18000	18.7	43.9	51.6	55.5	58.7	58.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3
≥ 16000	18.7	43.9	51.6	55.5	58.7	58.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3
≥ 14000	18.7	43.9	51.6	55.5	58.7	58.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3
≥ 12000	18.7	43.9	51.6	55.5	58.7	58.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3
≥ 10000	19.4	46.5	54.2	58.7	61.9	61.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5
≥ 9000	19.4	47.1	54.8	59.4	62.6	62.6	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2
≥ 8000	20.0	50.3	58.7	63.9	67.1	67.1	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7
≥ 7000	20.0	51.6	60.0	65.2	68.4	68.4	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0
≥ 6000	20.7	52.9	61.3	66.5	69.7	69.7	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3
≥ 5000	20.7	55.5	63.9	69.0	72.3	72.3	74.2	74.2	74.2	74.8	75.5	75.5	75.5	75.5
≥ 4500	20.7	57.4	65.8	71.0	74.2	74.2	76.1	76.1	76.1	76.8	77.4	77.4	77.4	77.4
≥ 4000	22.6	61.9	70.3	75.5	78.7	78.7	80.7	80.7	80.7	81.3	81.9	81.9	81.9	81.9
≥ 3500	22.6	63.9	72.3	77.4	80.7	80.7	82.6	82.6	82.6	83.2	83.9	83.9	83.9	83.9
≥ 3000	23.2	69.0	77.4	82.6	86.5	86.5	88.4	88.4	89.0	89.7	90.3	90.3	90.3	90.3
≥ 2500	23.2	69.7	78.1	83.2	87.1	87.1	89.0	89.0	89.7	90.3	91.0	91.0	91.0	91.0
≥ 2000	23.2	72.3	80.7	85.8	90.3	90.3	92.9	93.6	93.6	94.8	95.5	95.5	95.5	95.5
≥ 1800	23.2	72.3	80.7	85.8	90.3	90.3	92.9	93.6	93.6	94.8	95.5	95.5	95.5	95.5
≥ 1500	23.2	72.3	80.7	85.8	91.0	91.0	94.2	94.8	94.8	96.1	96.8	96.8	96.8	96.8
≥ 1200	23.2	72.3	80.7	85.8	91.0	91.0	94.2	94.8	94.8	96.1	96.8	96.8	96.8	96.8
≥ 1000	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 900	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 800	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 700	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 600	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 500	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 400	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 300	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 200	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 100	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0
≥ 0	23.9	73.6	81.9	87.7	93.6	93.6	96.8	97.4	97.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	17.4	36.8	43.2	49.0	56.1	56.8	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	18.1	38.7	45.2	51.6	59.4	60.0	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	18.1	39.4	45.8	52.3	60.0	60.7	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	18.1	39.4	45.8	52.3	60.0	60.7	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	18.1	39.4	45.8	52.3	60.0	60.7	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	18.1	39.4	45.8	52.3	60.7	61.3	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	18.1	39.4	46.5	52.9	61.9	62.6	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	18.1	39.4	46.5	52.9	61.9	62.6	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	18.7	41.3	49.0	56.1	65.2	65.8	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	18.7	41.3	49.0	56.8	66.5	67.1	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	18.7	41.9	49.7	57.4	67.1	67.7	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	18.7	43.9	52.3	60.0	69.7	70.3	74.8	76.1	76.1	76.8	76.8	76.8	76.8	76.8
≥ 4500	18.7	45.2	53.6	61.3	71.0	71.6	76.1	77.4	77.4	78.1	78.1	78.1	78.1	78.1
≥ 4000	20.7	47.7	58.1	67.1	76.8	77.4	81.9	83.2	83.2	83.9	83.9	83.9	83.9	83.9
≥ 3500	21.9	49.7	60.7	69.7	80.0	80.7	85.2	86.5	86.5	87.1	87.1	87.1	87.1	87.1
≥ 3000	21.9	51.0	61.9	72.9	83.9	84.5	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6
≥ 2500	23.2	54.8	65.8	76.8	87.7	88.4	93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5
≥ 2000	23.2	54.8	65.8	77.4	88.4	89.0	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1
≥ 1800	23.2	54.8	65.8	77.4	88.4	89.0	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1
≥ 1500	23.2	54.8	65.8	78.1	89.0	90.3	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 1200	23.2	54.8	65.8	78.1	89.0	90.3	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 1000	23.2	54.8	65.8	78.1	89.0	90.3	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 900	23.2	54.8	65.8	78.1	89.0	90.3	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 800	23.2	54.8	65.8	78.7	89.7	91.0	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7
≥ 700	23.2	54.8	65.8	78.7	89.7	91.0	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7
≥ 600	23.2	54.8	65.8	78.7	89.7	91.0	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7
≥ 500	23.2	54.8	65.8	78.7	89.7	91.0	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7
≥ 400	23.2	54.8	65.8	78.7	89.7	91.0	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7
≥ 300	23.2	54.8	65.8	79.4	90.3	91.6	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 200	23.2	54.8	65.8	79.4	90.3	91.6	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 100	23.2	54.8	65.8	79.4	90.3	91.6	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 0	23.2	54.8	65.8	79.4	90.3	91.6	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323
STATIONYOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	19.4	45.2	52.9	59.4	63.9	64.5	65.2	65.2	65.2	67.1	67.1	67.1
≥ 20000	20.0	46.5	55.5	61.9	66.5	68.4	69.0	69.0	69.0	71.0	71.0	71.0
≥ 18000	20.0	46.5	55.5	61.9	66.5	68.4	69.0	69.0	69.0	71.0	71.0	71.0
≥ 16000	20.0	46.5	55.5	61.9	66.5	68.4	69.0	69.0	69.0	71.0	71.0	71.0
≥ 14000	20.0	46.5	55.5	61.9	67.1	69.0	69.7	69.7	69.7	71.6	71.6	71.6
≥ 12000	20.0	46.5	55.5	61.9	67.1	69.0	70.3	70.3	70.3	72.3	72.3	72.3
≥ 10000	20.0	46.5	55.5	62.6	68.4	71.0	72.3	72.3	72.3	74.2	74.2	74.2
≥ 9000	20.0	46.5	55.5	62.6	68.4	71.0	72.3	72.3	72.3	74.2	74.2	74.2
8000	20.0	47.1	56.8	63.9	70.3	72.9	74.2	74.2	74.2	76.8	76.8	76.8
7000	20.0	47.1	56.8	63.9	71.6	74.2	76.1	76.1	76.1	78.7	78.7	78.7
6000	20.0	47.7	57.4	64.5	72.9	75.5	77.4	77.4	77.4	80.0	80.0	80.0
5000	20.0	49.7	59.4	66.5	74.8	77.4	79.4	79.4	79.4	81.9	81.9	81.9
4500	20.0	51.0	61.3	68.4	76.8	79.4	81.3	81.3	81.3	83.9	83.9	83.9
4000	21.3	53.6	64.5	71.6	80.0	83.2	85.2	85.2	85.2	87.7	87.7	87.7
3500	21.3	53.6	65.8	72.9	81.3	84.5	87.1	87.7	87.7	91.0	91.0	91.0
3000	21.3	55.5	67.7	75.5	84.5	88.4	91.0	91.6	91.6	94.8	94.8	94.8
2500	21.9	56.1	68.4	76.8	85.8	89.7	92.3	92.9	92.9	96.1	96.1	96.1
2000	21.9	56.1	68.4	76.8	85.8	89.7	92.3	92.9	92.9	96.1	96.1	96.1
1800	21.9	56.1	68.4	76.8	85.8	89.7	92.3	92.9	92.9	96.1	96.1	96.1
1500	21.9	56.1	68.4	76.8	85.8	89.7	92.3	92.9	92.9	96.1	96.1	96.1
1200	21.9	56.1	68.4	76.8	85.8	89.7	92.3	92.9	92.9	96.1	96.1	96.1
1000	21.9	56.1	68.4	76.8	86.5	90.3	93.6	94.2	94.2	97.4	97.4	97.4
900	21.9	56.1	68.4	76.8	86.5	90.3	93.6	94.2	94.2	97.4	97.4	97.4
800	21.9	56.1	69.0	77.4	87.1	91.0	94.8	95.5	95.5	98.7	98.7	98.7
700	21.9	56.1	69.0	77.4	87.1	91.0	94.8	95.5	95.5	98.7	98.7	98.7
600	21.9	56.1	69.7	78.1	87.7	91.6	95.5	96.1	96.1	99.4	99.4	99.4
500	21.9	56.1	69.7	78.1	87.7	91.6	95.5	96.1	96.1	99.4	99.4	99.4
400	21.9	56.1	69.7	78.1	87.7	91.6	95.5	96.1	96.1	100.0	100.0	100.0
300	21.9	56.1	69.7	78.1	87.7	91.6	95.5	96.1	96.1	100.0	100.0	100.0
200	21.9	56.1	69.7	78.1	87.7	91.6	95.5	96.1	96.1	100.0	100.0	100.0
100	21.9	56.1	69.7	78.1	87.7	91.6	95.5	96.1	96.1	100.0	100.0	100.0
0	21.9	56.1	69.7	78.1	87.7	91.6	95.5	96.1	96.1	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323

YOKOSUKA, JAPAN

73-77

DEC

STATION NAME

YEARS

MONTH

15

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	25.2	45.8	50.3	56.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	27.1	51.0	56.8	64.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	27.1	51.0	56.8	64.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	27.1	51.0	56.8	64.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	27.1	52.3	58.1	65.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	27.7	54.8	60.7	68.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	28.4	56.8	62.6	71.0	73.6	73.6	74.2	74.2	74.8	74.8	74.8
≥ 9000	28.4	56.8	62.6	71.0	73.6	73.6	74.2	74.2	74.8	74.8	74.8
≥ 8000	28.4	60.0	66.5	75.9	78.1	78.1	78.7	78.7	79.4	79.4	79.4
≥ 7000	28.4	60.7	67.1	76.1	80.0	80.0	80.7	80.7	81.3	81.3	81.3
≥ 6000	28.4	60.7	67.1	76.1	80.7	80.7	81.3	81.3	81.9	81.9	81.9
≥ 5000	28.4	61.3	67.7	76.8	81.9	82.6	83.2	83.2	83.9	83.9	83.9
≥ 4500	28.4	61.3	67.7	76.8	81.9	82.6	83.2	83.2	83.9	83.9	83.9
≥ 4000	29.0	62.6	71.0	80.0	85.2	86.5	87.1	87.1	87.7	87.7	87.7
≥ 3500	29.0	63.2	71.0	80.7	85.8	87.1	87.7	87.7	88.4	88.4	88.4
≥ 3000	29.0	65.8	74.2	83.9	89.0	90.3	91.0	91.0	92.3	92.3	92.3
≥ 2500	29.7	67.1	75.5	85.2	91.6	92.9	93.6	94.2	95.5	95.5	95.5
≥ 2000	30.3	67.7	76.1	85.8	92.3	93.6	94.2	94.8	96.1	96.1	96.1
≥ 1800	30.3	67.7	76.1	85.8	92.3	93.6	94.2	94.8	96.1	96.1	96.1
≥ 1500	30.3	67.7	76.8	86.5	92.9	94.2	94.8	95.5	96.8	96.8	96.8
≥ 1200	30.3	67.7	76.8	87.1	93.6	94.8	95.5	96.1	97.4	97.4	97.4
≥ 1000	30.3	68.4	77.4	87.7	94.2	95.5	96.1	96.8	98.1	98.1	98.1
≥ 900	30.3	68.4	77.4	87.7	94.2	95.5	96.1	96.8	98.1	98.1	98.1
≥ 800	30.3	68.4	77.4	87.7	94.2	95.5	96.1	96.8	98.1	98.1	98.1
≥ 700	30.3	68.4	77.4	87.7	94.2	95.5	96.1	96.8	98.1	98.1	98.1
≥ 600	30.3	68.4	77.4	87.7	94.2	95.5	96.1	96.8	98.1	98.1	98.1
≥ 500	30.3	68.4	77.4	87.7	94.2	95.5	96.1	96.8	98.1	98.1	98.1
≥ 400	30.3	68.4	77.4	87.7	94.2	95.5	96.1	96.8	98.1	98.1	98.1
≥ 300	30.3	68.4	77.4	88.4	94.8	96.1	96.8	97.4	99.4	99.4	99.4
≥ 200	30.3	68.4	77.4	88.4	94.8	96.1	96.8	97.4	99.4	99.4	99.4
≥ 100	30.3	68.4	77.4	88.4	94.8	96.1	96.8	97.4	99.4	99.4	99.4
≥ 0	30.3	68.4	77.4	88.4	94.8	96.1	96.8	97.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

125

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC

MONTH

18

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	18.7	56.8	57.4	60.0	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	19.4	58.7	60.7	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	19.4	58.7	60.7	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	19.4	58.7	60.7	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	19.4	59.4	61.3	63.9	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	19.4	60.7	62.6	65.2	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	19.4	61.3	63.2	65.8	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	19.4	61.3	63.2	65.8	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	21.3	67.7	69.7	72.3	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	21.3	67.7	69.7	72.3	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	21.3	67.7	69.7	72.9	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	21.3	69.0	71.0	74.8	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	21.3	69.0	71.0	74.8	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	23.2	73.6	75.5	79.4	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	23.2	76.8	78.7	83.2	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	24.5	80.7	82.6	87.7	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	25.2	81.3	83.2	88.4	91.6	91.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	25.2	81.3	83.2	88.4	91.6	91.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	25.2	81.3	83.2	88.4	91.6	91.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	25.2	81.3	83.2	88.4	92.3	92.3	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	25.2	81.3	83.2	88.4	92.3	92.3	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	25.2	81.9	84.5	89.7	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	25.2	81.9	84.5	90.3	94.2	94.2	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0	25.2	81.9	84.5	90.3	94.2	94.2	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	21.3	52.9	54.8	56.1	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	21.9	54.2	56.1	58.1	58.7	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	21.9	54.2	56.1	58.1	58.7	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	21.9	54.2	56.1	58.1	58.7	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	21.9	54.8	56.8	58.7	59.4	59.4	59.4	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	21.9	55.5	57.4	59.4	60.0	60.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	21.9	55.5	57.4	59.4	60.0	60.0	60.0	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	21.9	55.5	57.4	59.4	60.0	60.0	60.0	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	23.2	61.3	63.2	65.8	67.1	67.1	67.1	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	23.2	62.6	64.5	67.1	68.4	68.4	68.4	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	23.2	63.9	65.8	68.4	69.7	69.7	69.7	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	24.5	67.1	69.7	72.3	73.6	73.6	73.6	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	24.5	67.1	69.7	72.3	73.6	73.6	73.6	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	25.2	71.0	74.2	76.8	78.1	78.1	78.1	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	25.2	75.5	78.7	81.3	82.6	82.6	82.6	84.5	84.5	85.2	85.2	85.2	85.2
≥ 3000	25.2	78.1	81.3	84.5	85.8	85.8	85.8	87.7	87.7	88.4	88.4	88.4	88.4
≥ 2500	25.2	80.0	83.2	86.5	89.0	89.0	89.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 2000	25.2	80.0	83.2	86.5	89.7	89.7	89.7	91.6	91.6	92.3	92.3	92.3	92.3
≥ 1800	25.2	80.0	83.2	86.5	89.7	89.7	89.7	91.6	91.6	92.3	92.3	92.3	92.3
≥ 1500	25.2	80.7	84.5	88.4	92.3	92.3	92.3	94.2	94.2	94.8	94.8	94.8	94.8
≥ 1200	25.8	81.9	85.8	89.7	93.6	93.6	93.6	95.5	95.5	96.1	96.1	96.1	96.1
≥ 1000	25.8	82.6	87.1	91.0	94.8	94.8	94.8	96.8	96.8	97.4	98.1	98.1	98.1
≥ 900	25.8	82.6	87.1	91.0	94.8	94.8	94.8	96.8	96.8	97.4	98.1	98.1	98.1
≥ 800	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
≥ 700	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
≥ 600	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
≥ 500	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
≥ 400	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
≥ 300	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
≥ 200	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
≥ 100	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7
0	25.8	82.6	87.1	91.0	95.5	95.5	95.5	97.4	97.4	98.1	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

43323

YOKOSUKA, JAPAN

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	20.2	47.7	52.1	56.3	59.3	59.4	60.4	60.7	60.7	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	21.1	49.7	54.0	59.2	62.4	62.7	63.8	64.0	64.0	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	21.1	49.8	54.7	59.3	62.5	62.8	63.9	64.1	64.1	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	21.1	49.8	54.7	59.3	62.5	62.8	63.9	64.1	64.1	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	21.1	50.1	55.0	59.6	62.9	63.2	64.3	64.5	64.5	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	21.2	51.1	56.0	60.7	64.0	64.4	65.5	65.7	65.7	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	21.4	51.7	56.7	61.7	65.4	65.8	67.2	67.5	67.5	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	21.5	51.9	56.9	61.9	65.6	66.0	67.3	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	22.3	53.4	60.8	66.1	70.1	70.5	72.1	72.4	72.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	22.3	56.3	61.8	67.2	71.6	72.0	73.7	74.0	74.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 6000	22.3	56.8	62.3	67.8	72.4	72.8	74.5	74.8	74.8	75.8	75.9	75.9	75.9	75.9	75.9
≥ 5000	22.5	58.8	64.5	70.2	74.8	75.3	77.0	77.3	77.3	78.3	78.4	78.4	78.4	78.4	78.4
≥ 4500	22.5	59.4	65.2	70.9	75.7	76.1	77.8	78.2	78.2	79.1	79.2	79.2	79.2	79.2	79.2
≥ 4000	23.7	62.5	69.0	74.8	79.7	80.3	82.0	82.3	82.3	83.3	83.4	83.4	83.4	83.4	83.4
≥ 3500	24.0	64.6	71.5	77.3	82.3	83.0	84.8	85.2	85.2	86.4	86.5	86.5	86.5	86.5	86.5
≥ 3000	24.4	67.9	74.8	81.3	86.5	87.3	89.2	89.7	89.7	91.0	91.1	91.1	91.1	91.1	91.1
≥ 2500	24.8	69.4	76.2	82.8	88.5	89.3	91.3	91.8	91.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	24.8	69.8	76.9	83.7	89.6	90.4	92.5	93.0	93.1	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1800	24.8	69.8	76.9	83.7	89.6	90.4	92.5	93.0	93.1	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1500	25.0	70.4	77.6	84.6	90.7	91.7	94.2	94.7	94.8	96.3	96.4	96.4	96.4	96.4	96.4
≥ 1200	25.1	70.6	77.7	84.8	91.0	91.9	94.4	95.0	95.1	96.6	96.8	96.8	96.8	96.8	96.8
≥ 1000	25.2	71.1	78.5	85.7	92.2	93.2	95.7	96.2	96.3	97.9	98.2	98.2	98.2	98.2	98.2
≥ 900	25.2	71.1	78.5	85.7	92.2	93.2	95.7	96.2	96.3	97.9	98.2	98.2	98.2	98.2	98.2
≥ 800	25.2	71.1	78.5	86.1	92.6	93.6	96.1	96.7	96.8	98.4	98.7	98.7	98.7	98.7	98.7
≥ 700	25.2	71.1	78.6	86.1	92.6	93.6	96.1	96.7	96.8	98.4	98.7	98.7	98.7	98.7	98.7
≥ 600	25.2	71.1	78.7	86.1	92.7	93.6	96.2	96.8	96.9	98.5	98.8	98.8	98.8	98.8	98.8
≥ 500	25.2	71.1	78.7	86.1	92.7	93.6	96.3	96.9	96.9	98.7	99.0	99.0	99.0	99.0	99.0
≥ 400	25.2	71.1	78.7	86.1	92.7	93.6	96.3	96.9	96.9	98.7	99.0	99.0	99.0	99.0	99.0
≥ 300	25.2	71.1	78.7	86.3	92.8	93.8	96.5	97.1	97.2	99.1	99.5	99.5	99.5	99.5	99.5
≥ 200	25.2	71.1	78.7	86.3	92.8	93.8	96.5	97.1	97.2	99.1	99.5	99.5	99.5	99.5	99.5
≥ 100	25.2	71.1	78.7	86.4	92.9	93.9	96.6	97.2	97.3	99.2	99.6	99.6	99.6	99.6	99.6
0	25.2	71.1	78.7	86.4	92.9	93.9	96.6	97.2	97.3	99.2	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NATIONAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION NAME
YOKOSUKA, JAPAN

73-77

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	14.7	32.3	35.5	37.7	39.4	39.5	40.1	40.3	40.3	40.5	40.5	40.5	40.6
≥ 20000	16.4	36.7	40.6	43.3	45.1	45.3	46.0	46.3	46.3	46.6	46.6	46.6	46.7
≥ 18000	16.5	36.7	40.6	43.3	45.2	45.4	46.1	46.3	46.3	46.6	46.7	46.7	46.7
≥ 16000	16.5	36.8	40.7	43.4	45.3	45.5	46.2	46.4	46.4	46.7	46.7	46.8	46.8
≥ 14000	16.6	37.2	41.1	43.9	45.8	46.0	46.7	47.0	47.0	47.2	47.3	47.3	47.3
≥ 12000	17.0	38.3	42.4	45.2	47.2	47.4	48.2	48.4	48.4	48.7	48.8	48.8	48.8
≥ 10000	17.9	41.2	45.8	48.9	51.1	51.4	52.3	52.6	52.6	52.9	52.9	53.0	53.0
≥ 9000	18.0	41.4	46.0	49.1	51.4	51.6	52.5	52.8	52.8	53.1	53.2	53.2	53.3
≥ 8000	19.4	45.4	50.6	54.1	56.6	57.0	58.0	58.4	58.4	58.7	58.8	58.9	58.9
≥ 7000	19.7	46.5	51.9	55.5	58.2	58.5	59.6	60.0	60.0	60.3	60.4	60.5	60.5
≥ 6000	19.8	46.8	52.3	56.0	58.7	59.0	60.1	60.5	60.5	60.8	60.9	61.0	61.0
≥ 5000	20.4	48.8	54.5	58.4	61.2	61.6	62.7	63.1	63.1	63.5	63.5	63.6	63.7
≥ 4500	20.5	49.5	55.3	59.2	62.1	62.5	63.6	64.0	64.0	64.4	64.5	64.6	64.6
≥ 4000	21.8	53.6	59.9	64.3	67.4	67.8	69.0	69.4	69.4	69.9	69.9	70.0	70.0
≥ 3500	22.6	56.1	62.6	67.2	70.5	71.0	72.3	72.8	72.8	73.2	73.3	73.4	73.5
≥ 3000	23.9	60.6	67.8	73.0	76.6	77.1	78.7	79.2	79.2	79.8	79.9	80.1	80.1
≥ 2500	24.3	62.3	69.8	75.3	79.2	79.7	81.4	82.0	82.0	82.7	82.8	83.0	83.0
≥ 2000	24.8	64.2	72.2	78.0	82.3	82.8	84.7	85.4	85.5	86.2	86.4	86.6	86.7
≥ 1800	24.8	64.2	72.2	78.0	82.3	82.8	84.7	85.4	85.5	86.2	86.4	86.6	86.7
≥ 1500	25.2	65.7	73.9	80.1	84.8	85.4	87.6	88.4	88.4	89.5	89.7	89.9	90.0
≥ 1200	25.2	65.9	74.2	80.4	85.2	85.9	88.1	88.9	88.9	90.0	90.2	90.5	90.5
≥ 1000	25.4	67.0	75.7	82.3	87.7	88.5	91.0	91.9	92.0	93.3	93.7	94.1	94.2
≥ 900	25.4	67.0	75.7	82.3	87.8	88.5	91.0	92.0	92.0	93.4	93.7	94.1	94.2
≥ 800	25.4	67.3	76.3	83.2	88.9	89.7	92.4	93.6	93.6	95.1	95.6	96.0	96.1
≥ 700	25.4	67.4	76.4	83.3	89.0	89.9	92.6	93.8	93.8	95.4	95.8	96.4	96.4
≥ 600	25.4	67.4	76.5	83.5	89.4	90.3	93.1	94.5	94.5	96.2	96.7	97.2	97.3
≥ 500	25.4	67.5	76.7	83.8	89.8	90.7	93.6	95.1	95.1	97.0	97.5	98.2	98.3
≥ 400	25.4	67.5	76.8	83.8	90.0	90.9	93.9	95.4	95.4	97.4	98.0	98.9	99.0
≥ 300	25.4	67.6	76.8	83.9	90.1	91.0	94.0	95.5	95.5	97.6	98.2	99.2	99.4
≥ 200	25.4	67.6	76.8	83.9	90.1	91.0	94.0	95.6	95.6	97.6	98.3	99.4	99.7
≥ 100	25.4	67.6	76.8	83.9	90.1	91.0	94.1	95.6	95.6	97.7	98.4	99.4	99.9
≥ 0	25.4	67.6	76.8	83.9	90.1	91.0	94.1	95.6	95.6	97.7	98.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

14608

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00	39.4	4.5	9.0	3.2	3.2	2.6	3.2	2.6	6.5	3.2	22.6	4.0	155
	03	38.1	5.2	8.4	5.8	5.2	3.2	2.6	2.6	5.8	3.2	20.0	3.9	155
	06	27.7	14.8	4.5	7.1	3.9	3.2	4.5	7.7	3.9	1.3	21.3	4.1	155
	09	23.9	13.5	9.0	4.5	4.5	3.9	6.5	3.9	7.1	7.7	15.5	4.3	155
	12	26.5	11.6	10.3	6.5	3.9	3.2	3.2	5.2	5.8	4.5	19.4	4.2	155
	15	20.6	17.4	5.2	10.3	1.9	5.2	5.2	4.5	3.2	4.5	21.9	4.4	155
	18	26.5	12.3	7.7	5.8	3.2	5.8	2.6	1.9	6.5	1.9	25.6	4.4	155
	21	36.1	9.0	6.5	5.2	3.2	1.9	5.2	2.6	3.9	5.8	20.6	4.0	155
TOTALS		209	11.0	7.6	6.1	3.6	3.6	4.1	3.9	5.3	4.0	20.9	4.2	1260

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00	24.8	4.3	9.2	8.5	4.3	1.4		3.5	2.1	4.3	37.6	5.3	141
	03	26.2	4.3	2.8	3.5	5.7	1.4	4.3	3.5	5.7	2.1	40.4	5.7	141
	06	13.5	8.5	6.4	5.7	5.7	3.5	2.1	7.1	7.1	7.1	33.3	6.0	141
	09	18.4	10.6	8.5	3.5	2.8	4.3	2.8	4.3	5.0	7.1	32.6	5.5	141
	12	14.9	14.2	5.7	6.4	2.8	2.8	5.0	4.3	4.3	7.8	31.9	5.5	141
	15	14.9	7.8	5.0	8.5	5.7	2.8	.7	3.5	10.6	9.2	31.2	5.9	141
	18	15.6	9.2	5.7	6.4	4.3	3.5	2.1	3.5	6.4	7.1	36.2	5.9	141
	21	24.8	5.0	6.4	5.7	3.5	4.3	2.1	4.3	5.0	4.3	34.8	5.4	141
TOTALS		19.1	8.0	6.2	6.0	4.4	3.0	2.4	4.3	5.8	6.1	34.8	5.7	1128

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00	18.1	3.9	6.5	3.2	4.5	1.9	3.9	3.2	5.2	5.8	43.9	6.3	155
	03	19.4	3.9	5.2	3.2	2.6	2.6	5.2	3.9	6.5	3.9	43.9	6.3	155
	06	11.6	7.7	5.2	4.5	3.2	1.9	4.5	5.8	7.7	4.5	43.2	6.6	155
	09	11.6	7.7	3.9	7.7	1.9	3.2	3.2	2.6	9.7	7.7	38.7	6.4	155
	12	10.3	9.7	3.9	3.9	5.2	2.6	3.2	7.1	5.8	7.1	41.3	6.5	155
	15	9.0	5.2	7.1	7.7	3.9	4.5	1.9	3.9	7.1	7.1	42.6	6.7	155
	18	9.7	9.0	1.9	7.1	2.6	6.5	3.2	5.2	4.5	5.2	45.2	6.7	155
	21	17.4	3.9	3.2	6.5	3.9	3.2	2.6	3.9	5.8	3.9	45.8	6.4	155
TOTALS		13.4	6.4	4.6	5.5	3.5	3.6	3.5	4.5	6.5	5.7	43.1	6.5	1240

43323
STATION

YOKOSUKA, JAPAN STATION NAME

73-77

PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00	8.7	2.0	4.0	2.7	2.7	2.7	3.3	4.0	6.0	4.0	60.0	7.7	150
	03	13.3	.7	4.0	4.7	3.3	1.3	2.7	4.0	6.0	6.0	54.0	7.3	150
	06	8.0	4.7	4.0	4.0	2.0	1.3	2.7	3.3	6.7	8.0	55.3	7.6	150
	09	14.0	.7	3.3	4.0	1.3	2.7	4.0	4.0	8.0	8.0	50.0	7.3	150
	12	10.0	2.7	2.7	4.7	3.3	2.0	2.0	6.0	10.0	8.0	48.7	7.4	150
	15	8.0	4.0	4.0	6.7	1.3	2.7	1.3	4.7	8.7	12.7	46.0	7.3	150
	18	6.7	2.7	3.3	.7	4.7	4.7	4.7	6.0	15.3	6.7	44.7	7.5	150
	21	11.3	2.7	6.0	6.0	2.7	2.0	2.0	6.0	5.3	3.3	52.7	7.1	150
TOTALS		10.0	2.5	3.9	4.2	2.7	2.4	2.8	4.8	8.3	7.1	51.4	7.4	1200

NAVWEASERVCOM

SKY COVER

43323 STATION YOKOSUKA, JAPAN 73-77 PERIOD MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
MAY	00	14.2	3.9	3.2	3.2	7.7	3.2	2.6	1.3	7.1	8.4	45.2	155
	03	18.1	3.2	1.9	4.5	2.6	1.9	3.2	4.5	5.8	6.5	47.7	155
	06	10.3	3.2	3.2	4.5	3.9	1.9	5.2	3.9	9.7	5.2	49.0	155
	09	9.0	2.6	5.8	3.9	1.9	2.6	3.9	7.7	14.2	7.7	40.6	155
	12	6.5	6.5	7.1	1.3	5.8	5.2	3.9	6.5	10.3	4.5	42.6	155
	15	8.4	7.1	2.6	3.2	4.5	3.2	5.2	7.7	9.7	9.7	38.7	155
	18	8.4	5.2	3.9	3.9	2.6	1.9	5.8	6.5	8.4	7.1	46.5	155
	21	13.5	2.6	3.2	6.5	7.1	1.9	1.3	5.8	11.0	4.5	42.6	155
TOTALS		11.1	4.3	3.9	3.9	4.5	2.7	3.9	5.5	9.5	6.7	44.1	1240

PERIOD

MONTH
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00	3.3		2.0	2.7	.7	1.3	2.7	3.3	7.3	4.7	72.0	8.8	150
	03	1.3	2.0	1.3	3.3	2.7	2.7	2.7	3.3	3.3	4.0	73.3	8.7	150
	06	2.0		.7	.7	.7		2.7	4.7	5.3	6.7	76.7	9.2	150
	09	2.7	.7	.7	.7	3.3	2.0	.7	3.3	8.0	9.3	68.7	8.9	150
	12	1.3	2.0	1.3	2.7		1.3	2.7	4.7	8.7	14.7	60.7	8.8	150
	15	1.3	.7	1.3	2.0	2.0	2.7	2.0	5.3	14.7	13.3	54.7	8.6	150
	18	1.3	2.7	2.7		2.0	.7	2.0	6.0	12.0	13.3	57.3	8.6	150
	21	2.7	.7	3.3	4.0	3.3	1.3	4.0	4.7	6.7	7.3	62.0	8.4	150
TOTALS		2.0	1.1	1.7	2.0	1.8	1.5	2.4	4.4	8.3	9.2	65.7	8.8	1200

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00	11.6	3.9	7.7	3.9	5.2	3.2	2.6	3.2	7.1	4.5	47.1	6.7	155
	03	14.2	1.9	3.9	4.5	4.5	2.6	4.5	4.5	6.5	5.2	47.7	6.9	155
	06	4.5	4.5	3.9	4.5	3.9	2.6	3.9	7.7	4.5	11.6	48.4	7.6	155
	09	3.9	1.9	3.9	1.9	3.2	6.5	5.2	5.2	9.0	13.5	45.8	7.8	155
	12	3.2	3.2	1.3	7.1	7.7	7.1	4.5	3.9	12.3	11.0	38.7	7.3	155
	15	5.2	3.2	5.8	5.2	4.5	4.5	4.5	9.0	9.0	12.9	36.1	7.1	155
	18	6.5	3.2	7.1	5.2	4.5	5.2	2.6	7.1	7.7	7.7	43.2	7.1	155
	21	14.2	3.9	6.5	4.5	6.5		2.6	4.5	7.1	6.5	43.9	6.6	155
TOTALS		70	3.2	5.0	4.6	5.0	4.0	3.8	5.6	7.9	9.1	43.9	7.1	1240

AUG
MONTH

1997

100

NAVWEASERVCOM

PERIOD

MONTH
SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00	10.7	5.3	4.0	7.3	4.0	4.0	.7	5.3	4.7	8.7	45.3	6.8	150
	03	10.0	6.0	4.7	5.3	2.7	3.3	8.0	6.7	6.0	7.3	40.0	6.7	150
	06	2.7	4.7	7.3	6.7	6.0	4.7	1.3	6.0	10.0	9.3	41.3	7.1	150
	09	1.3	7.3	11.3	7.3	4.0	2.0	2.7	4.7	10.7	9.3	39.3	6.9	150
	12	2.7	5.3	2.0	9.3	7.3	3.3	6.0	7.3	8.0	12.7	36.0	7.1	150
	15	3.3	10.0	6.0	3.3	2.0	5.3	4.0	5.3	9.3	13.3	38.0	7.0	150
	18	4.0	8.0	5.3	8.0	2.7	3.3	2.7	9.3	9.3	9.3	38.0	6.9	150
	21	10.7	4.7	4.0	6.0	2.7	6.7	2.0	8.7	11.3	5.3	38.0	6.7	150
TOTALS		5.7	6.4	5.6	6.7	3.9	4.1	3.4	6.7	8.7	9.4	39.5	6.9	1200

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
QCT	00	9.0	1.3	3.9	7.1	1.9	1.9	6.5	3.2	11.0	7.1	47.1	7.3	155
	03	11.6	1.9	3.2	3.9	1.3	2.6	6.5	5.2	7.7	5.8	50.3	7.3	155
	06	5.2	1.3	7.7	3.9	1.9	1.3	5.8	5.2	9.0	12.3	46.5	7.6	155
	09	7.1	5.2	3.9	7.1	1.9	1.9	3.2	7.7	5.8	9.0	47.1	7.2	155
	12	8.4	5.2	4.5	5.8	3.2	3.2	1.9	7.1	7.1	8.4	45.2	7.1	155
	15	7.7	4.5	3.9	5.2	3.9	5.2	2.6	5.2	11.0	9.0	41.9	7.1	155
	18	9.7	1.9	5.8	4.5	7.7	2.6	1.9	4.5	5.8	8.4	47.1	7.1	155
	21	10.3	2.6	3.9	9.7	4.5	2.6	1.9	7.1	5.2	5.8	46.5	6.9	155
TOTALS		8.6	3.0	4.6	5.9	3.3	2.7	3.8	5.7	7.8	8.2	46.5	7.2	1240

NAVWEASERVCOM

MONTH
YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00	26.0	3.3	4.0	6.0	4.7	5.3	2.7	3.3	8.7	4.7	31.3	5.4	150
	03	29.3	4.7	5.3	6.0	4.0	2.0	.7	3.3	6.0	4.0	34.7	5.2	150
	06	11.3	10.7	7.3	6.0	7.3	2.7	4.0	4.0	6.7	8.7	31.3	5.8	150
	09	16.0	8.0	7.3	8.7	2.0	4.0	4.7	4.7	8.7	5.3	30.7	5.6	150
	12	18.7	6.0	4.7	8.0	4.7	2.7	5.3	4.0	3.3	9.3	33.3	5.8	150
	15	11.3	9.3	9.3	2.7	1.3	4.0	9.3	6.0	7.3	5.3	34.0	6.1	150
	18	17.3	6.7	5.3	6.0	4.0	2.7	8.7	6.0	4.0	4.0	35.3	5.8	150
	21	22.7	6.0	6.7	6.0	4.0	2.7	4.7	5.3	4.7	4.0	32.3	5.4	150
TOTALS		19.1	6.8	6.2	6.2	4.0	3.3	5.0	4.6	6.2	5.7	33.0	5.6	1200

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00	36.8	7.1	5.2	5.8	3.2	1.3	7.7	.6	5.2	3.9	23.2	4.1	155
	03	41.3	5.2	3.9	4.5	5.2	1.3	3.2	3.9	7.1	2.6	21.9	4.0	155
	06	23.2	14.8	7.7	7.1	3.9	1.3	5.2	3.2	9.0	7.1	17.4	4.4	155
	09	24.5	12.3	6.5	9.0	3.2	3.9	3.9	2.6	3.2	10.3	20.6	4.5	155
	12	25.8	13.5	7.7	5.8	5.8	3.2	3.2	3.9	5.2	6.5	19.4	4.3	155
	15	25.2	14.8	6.5	5.8	1.9	1.3	4.5	7.1	5.2	5.8	21.9	4.5	155
	18	29.0	9.0	5.8	5.8	5.2	3.2	4.5	5.8	3.2	5.8	22.6	4.5	155
	21	30.3	8.4	8.4	3.9	5.2		1.9	5.2	5.8	5.8	25.2	4.0	155
TOTALS		29.5	10.6	6.5	6.0	4.2	1.9	4.3	4.0	5.5	6.0	21.5	4.4	1240

SKY COVER

43323
STATIONYOKOSUKA, JAPAN
STATION NAME

73-77

PERIOD

ALL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	29.9	11.0	7.6	6.1	3.6	3.6	4.1	3.9	5.3	4.0	20.9	1240
FEB		19.1	8.0	6.2	6.0	4.4	3.0	2.4	4.3	5.8	6.1	34.8	1128
MAR		13.4	6.4	4.6	5.5	3.5	3.6	3.5	4.5	6.5	5.7	43.1	1240
APR		10.0	2.5	3.9	4.2	2.7	2.4	2.8	4.8	8.3	7.1	51.4	1200
MAY		11.1	4.3	3.9	3.9	4.5	2.7	3.9	5.5	9.5	6.7	44.1	1240
JUN		2.0	1.1	1.7	2.0	1.8	1.5	2.4	4.4	8.3	9.2	65.7	1200
JUL		7.9	3.2	5.0	4.6	5.0	4.0	3.8	5.6	7.9	9.1	43.9	1240
AUG		5.6	3.9	4.8	5.7	5.5	4.7	5.1	8.8	9.9	6.7	39.3	1240
SEP		5.7	6.4	5.6	6.7	3.9	4.1	3.4	6.7	8.7	9.4	39.5	1200
OCT		8.6	3.0	4.6	5.9	3.3	2.7	3.8	5.7	7.8	8.2	46.5	1240
NOV		19.1	6.8	6.2	6.2	4.0	3.3	5.0	4.6	6.2	5.7	32.0	1200
DEC		29.5	10.6	6.5	6.0	4.2	1.9	4.3	4.0	5.5	6.0	21.5	1240
TOTALS		13.5	5.6	5.1	5.2	3.9	3.1	3.7	5.2	7.5	7.0	40.3	14608

5704 SKY COVER JAN 68

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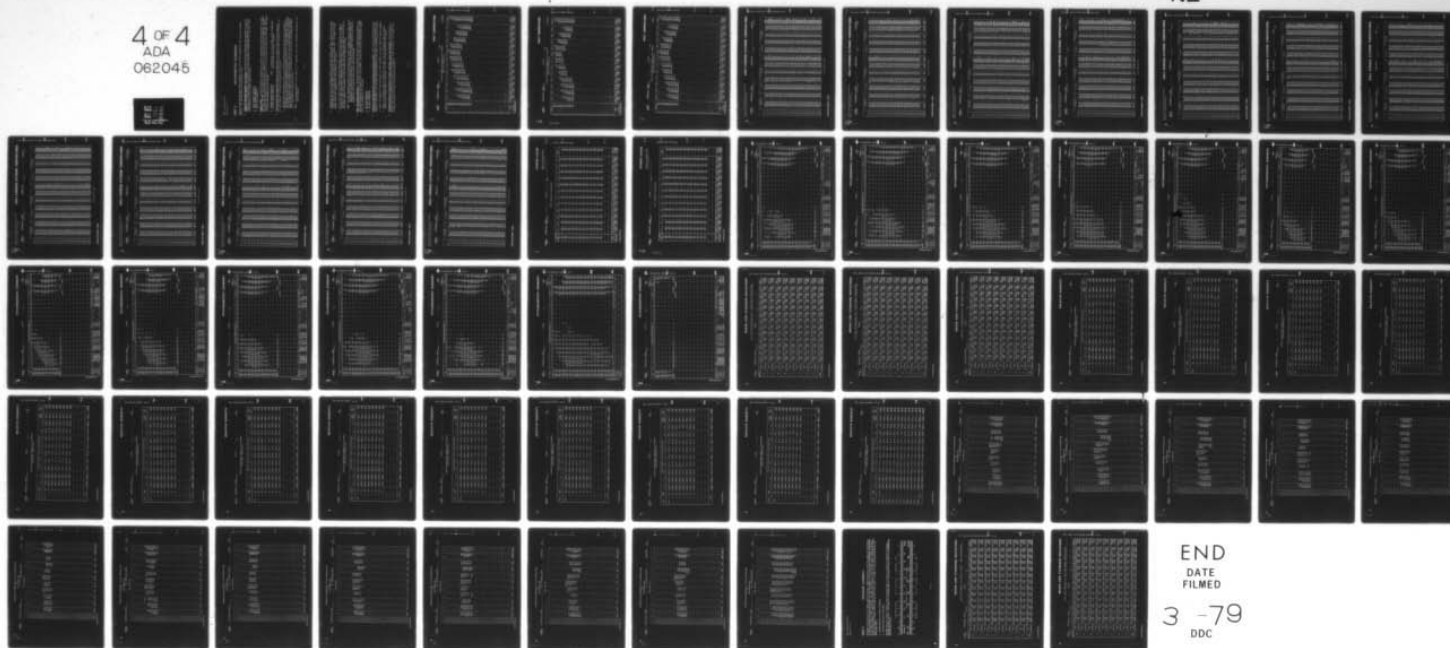
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). YOKOSUK--ETC(U)
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PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

43323
STATIONYOKOSUKA, JAPAN
STATION NAME

53-77

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						.7	23.0	.5	.1				.1
75						9.1	70.2	51.6	10.9				7.3
70						50.3	93.9	90.5	40.8	.6			17.9
65				.4	5.3	89.3	99.2	98.8	78.7	6.5	.1		28.2
60		.1	.5	4.8	40.4	89.3	100.0	100.0	97.1	35.9	1.9		39.6
55	.1	.3	1.9	26.5	81.3	98.5	100.0		99.9	79.1	18.4	.6	51.2
50	.3	1.5	7.4	57.6	97.8	100.0			100.0	97.8	49.3	4.1	60.3
45	2.7	6.2	25.2	82.7	100.0					100.0	81.9	20.3	68.9
40	16.5	25.1	57.0	97.6							97.2	64.5	80.6
35	65.9	65.0	89.2	99.9							100.0	93.8	93.1
30	97.0	96.8	99.6	100.0								100.0	99.5
25	100.0	100.0	100.0										100.0
20													
15													
10													
5													
0													
MEAN	36.3	36.8	40.9	50.5	58.2	64.4	71.3	73.9	68.2	58.0	49.5	41.2	54.1
S. D.	3.966	4.708	5.555	5.857	4.086	4.081	3.927	3.160	4.814	4.319	5.242	4.466	13.713
TOTAL OBS.	744	676	775	750	775	750	775	775	750	775	750	775	9072

NAVWEASERVCOM

DAILY TEMPERATURES

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

53-77

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

43323

YUKOSUKA, JAPAN

STATION

STATION NAME

1954-1977

YEARS

JANUARY

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP				DATE
	AVERAGE ° F	AVERAGE ° C	AVERAGE ° F	AVERAGE ° C	EXTREME ° F	EXTREME ° C	AVERAGE ° F	AVERAGE ° C	EXTREME ° F	EXTREME ° C	
1	44.1	6.7	50.4	10.2	67	19.4	37.9	3.3	29	-1.7	1977
2	43.6	6.4	50.3	10.2	64	17.8	36.9	2.7	30	-1.1	1961
3	42.9	6.1	48.8	9.3	58	14.4	37.0	2.8	32	0.0	1969*
4	43.3	6.3	49.8	9.9	61	16.1	36.9	2.7	31	-0.6	1969*
5	44.5	6.9	51.0	10.6	67	19.4	37.9	3.3	29	-1.7	1970
6	43.0	6.1	49.4	9.7	61	16.1	36.7	2.6	28	-2.2	1970
7	43.4	6.3	50.0	10.0	59	15.0	36.7	2.6	30	-1.1	1959
8	42.8	6.0	48.7	9.3	58	14.4	36.9	2.7	30	-1.1	1959
9	42.5	5.8	48.6	9.2	62	16.7	36.5	2.5	29	-1.7	1968*
10	43.4	6.3	50.2	10.1	65	18.3	36.6	2.6	31	-0.6	1967
11	42.9	6.1	49.6	9.8	64	17.8	36.2	2.3	30	-1.1	1971
12	42.3	5.7	48.4	9.1	58	14.4	36.2	2.3	30	-1.1	1959
13	43.5	6.4	50.0	10.0	64	17.8	37.0	2.8	31	-0.6	1975*
14	43.4	6.3	50.0	10.0	64	17.8	36.7	2.6	30	-1.1	1974*
15	42.1	5.6	47.9	8.8	68	20.0	36.3	2.4	32	0.0	1967
16	41.9	5.5	48.1	8.9	56	13.3	35.6	2.0	27	-2.8	1967
17	41.7	5.4	48.4	9.1	63	17.2	35.0	1.7	25	-3.9	1970*
18	41.7	5.4	48.0	8.9	57	13.9	35.4	1.9	28	-2.2	1975
19	42.5	5.8	49.4	9.7	61	16.1	35.6	2.0	31	-0.6	1966*
20	43.1	6.2	49.0	9.4	62	16.7	37.2	2.9	29	-1.7	1966
21	42.6	5.9	49.2	9.6	56	13.3	36.0	2.2	29	-1.7	1966
22	42.3	5.7	48.7	9.3	65	18.3	35.9	2.2	26	-3.3	1976
23	41.9	5.5	48.5	9.2	63	17.2	35.4	1.9	29	-1.7	1976*
24	41.4	5.2	47.7	8.7	60	15.6	35.1	1.7	29	-1.7	1976
25	42.8	6.0	50.2	10.1	65	18.3	35.5	1.9	27	-2.8	1963
26	43.4	6.3	50.6	10.3	63	17.2	36.3	2.4	29	-1.7	1963
27	43.3	6.3	49.7	9.8	73	22.8	36.9	2.7	30	-1.1	1968
28	41.8	5.4	47.9	8.8	55	12.8	35.7	2.1	31	-0.6	1976*
29	41.6	5.3	47.8	8.8	57	13.9	35.4	1.9	30	-1.1	1974
30	42.4	5.8	48.5	9.2	64	17.8	36.2	2.3	31	-0.6	1954
31	42.1	5.6	48.5	9.2	58	14.4	35.7	2.1	30	-1.1	1977
Monthly	42.7	5.9	49.1	9.5	73	22.8	36.3	2.4	25	-3.9	1970*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

43323
STATION

YOKOSUKA, JAPAN
STATION NAME

1954-1977

YEARS

FEBRUARY
MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	42.8	6.0	50.2	10.1	60	15.6	35.4	1.9	27	-2.8	1977
2	42.1	5.6	48.4	9.1	59	15.0	35.9	2.2	30	-1.1	1968
3	42.2	5.7	48.5	9.2	65	18.3	35.9	2.2	30	-1.1	1965
4	42.1	5.6	48.6	9.2	58	14.4	35.5	1.9	29	-1.7	1965
5	42.4	5.8	49.0	9.4	56	13.3	35.8	2.1	29	-1.7	1970
6	42.0	5.6	48.7	9.3	65	18.3	35.2	1.8	28	-2.2	1970
7	42.1	5.6	48.8	9.3	61	16.1	35.4	1.9	30	-1.1	1966
8	43.1	6.2	49.3	9.9	61	16.1	36.4	2.4	31	-0.6	1966
9	43.2	6.2	49.5	9.7	61	16.1	36.8	2.7	31	-0.6	1971
10	42.9	6.1	49.0	9.4	62	16.7	36.8	2.7	30	-1.1	1971
11	41.9	5.5	47.9	8.8	70	21.1	35.9	2.2	29	-1.7	1970*
12	42.0	5.6	49.1	9.5	68	20.0	34.8	1.6	28	-2.2	1955
13	42.9	6.1	50.0	10.0	65	18.3	35.7	2.1	28	-2.2	1967
14	44.7	7.1	52.4	11.3	63	17.2	37.0	2.8	27	-2.8	1967
15	42.9	6.1	49.4	9.7	63	17.2	36.4	2.4	29	-1.7	1968
16	43.6	6.4	50.3	10.2	62	16.7	36.9	2.7	28	-2.2	1975
17	43.3	6.3	49.5	9.7	58	14.4	37.2	2.9	26	-3.3	1977
18	43.7	6.5	50.5	10.3	63	17.2	36.9	2.7	26	-3.3	1977
19	43.5	6.4	49.3	9.6	65	18.3	37.7	3.2	29	-1.7	1977
20	45.0	7.2	51.9	11.1	75	23.9	36.2	3.4	31	-0.6	1963
21	44.1	6.7	50.7	10.4	63	17.2	37.5	3.1	30	-1.1	1975
22	43.9	6.6	49.7	9.8	62	16.7	38.1	3.4	32	0.0	1954
23	44.8	7.1	51.2	10.7	66	18.9	38.4	3.6	30	-1.1	1968
24	42.9	6.1	49.2	9.6	61	16.1	36.6	2.6	30	-1.1	1966
25	42.7	5.9	48.7	9.3	64	17.8	36.7	2.6	29	-1.7	1973*
26	44.3	6.8	50.3	10.2	69	20.6	38.2	3.4	30	-1.1	1968
27	44.6	7.0	50.7	10.4	67	19.4	38.5	3.6	31	-0.6	1969*
28	45.5	7.5	52.2	11.2	70	21.1	38.7	3.7	33	0.6	1975*
29	47.9	8.8	55.7	13.2	64	17.8	40.2	4.6	34	1.1	1964
30											
31											
Monthly	43.3	6.3	49.8	9.9	75	23.9	36.8	2.7	26	-3.3	1977

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

43323

YOKOSUKA, JAPAN

1953-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		MINIMUM TEMP		AVERAGE		EXTREME		DATE	
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	DATE	DATE
1	45.2	7.3	51.3	10.7	65	18.3	39.2	4.0	29	-1.7	39.2	4.0	39.2	4.0	29	-1.7	1966	1957
2	45.4	7.4	51.9	11.1	65	18.3	38.9	3.8	31	-0.6	38.9	3.8	38.9	3.8	31	-0.6	1966	1975*
3	45.6	7.6	52.0	11.1	67	19.4	39.2	4.0	33	0.6	39.2	4.0	39.2	4.0	33	0.6	1961*	1965
4	45.3	7.4	51.9	11.1	66	18.9	38.8	3.8	30	-1.1	38.8	3.8	38.8	3.8	30	-1.1	1974*	1969
5	44.4	6.9	51.2	10.7	69	20.6	37.5	3.1	30	-1.1	37.5	3.1	37.5	3.1	30	-1.1	1966	1977
6	43.8	6.6	50.2	10.1	62	16.7	37.4	3.0	28	-2.2	37.4	3.0	37.4	3.0	28	-2.2	1976	1977
7	44.7	7.1	51.3	10.7	63	17.2	38.0	3.3	30	-1.1	38.0	3.3	38.0	3.3	30	-1.1	1976	1971
8	44.9	7.2	51.3	10.7	62	16.7	38.5	3.6	29	-1.7	38.5	3.6	38.5	3.6	29	-1.7	1968	1971
9	46.3	7.9	52.3	11.3	64	17.8	40.3	4.6	31	-0.6	40.3	4.6	40.3	4.6	31	-0.6	1977*	1971
10	46.5	8.1	52.8	11.6	63	17.2	40.3	4.6	33	0.6	40.3	4.6	40.3	4.6	33	0.6	1953	1971*
11	45.9	7.7	52.4	11.3	67	19.4	39.3	4.1	31	-0.6	39.3	4.1	39.3	4.1	31	-0.6	1953	1971
12	46.4	8.0	53.2	11.8	69	20.6	39.6	4.2	32	0.0	39.6	4.2	39.6	4.2	32	0.0	1960	1969*
13	46.2	7.9	53.4	11.9	69	20.6	39.0	3.9	30	-1.1	39.0	3.9	39.0	3.9	30	-1.1	1955	1957
14	45.5	7.5	52.4	11.3	65	18.3	38.7	3.7	30	-1.1	38.7	3.7	38.7	3.7	30	-1.1	1958	1974
15	46.6	8.1	53.3	11.8	66	18.9	39.8	4.3	34	1.1	39.8	4.3	39.8	4.3	34	1.1	1977	1957
16	47.7	8.7	54.0	12.2	69	20.6	41.4	5.2	34	1.1	41.4	5.2	41.4	5.2	34	1.1	1966	1953
17	47.8	8.8	54.1	12.3	68	20.0	41.4	5.0	33	0.6	41.4	5.0	41.4	5.0	33	0.6	1956	1953
18	48.3	9.1	55.6	13.1	67	19.4	41.0	5.1	32	0.0	41.0	5.1	41.0	5.1	32	0.0	1961	1970
19	49.3	9.6	57.4	14.1	68	20.0	41.2	5.1	34	1.1	41.2	5.1	41.2	5.1	34	1.1	1956	1970
20	49.5	9.7	56.1	13.4	67	19.4	43.0	6.1	33	0.6	43.0	6.1	43.0	6.1	33	0.6	1954	1970
21	50.6	10.3	58.4	14.7	68	20.0	42.8	6.0	33	0.6	42.8	6.0	42.8	6.0	33	0.6	1963	1970
22	48.6	9.2	55.8	13.2	65	18.3	41.4	5.2	34	1.1	41.4	5.2	41.4	5.2	34	1.1	1971	1957
23	48.7	9.3	56.2	13.4	63	17.2	41.2	5.1	36	2.2	41.2	5.1	41.2	5.1	36	2.2	1966*	1970*
24	48.7	9.3	55.2	12.9	68	20.0	42.2	5.7	34	1.1	42.2	5.7	42.2	5.7	34	1.1	1977	1970*
25	49.0	9.4	55.6	13.1	68	20.0	42.5	5.8	33	0.6	42.5	5.8	42.5	5.8	33	0.6	1956	1970
26	48.9	9.4	55.5	13.1	68	20.0	42.4	5.8	34	1.1	42.4	5.8	42.4	5.8	34	1.1	1969	1961
27	49.7	9.8	56.2	13.4	70	21.1	43.1	6.2	32	0.0	43.1	6.2	43.1	6.2	32	0.0	1969	1957
28	50.1	10.1	56.6	13.7	67	19.4	43.6	6.4	33	1.7	43.6	6.4	43.6	6.4	33	1.7	1954	1974*
29	51.3	10.7	58.6	14.8	68	20.0	43.9	6.6	32	0.0	43.9	6.6	43.9	6.6	32	0.0	1960*	1958
30	52.7	11.5	58.9	14.9	70	21.1	46.4	8.0	31	-0.6	46.4	8.0	46.4	8.0	31	-0.6	1960	1958
31	53.3	11.8	60.1	15.6	69	20.6	46.6	8.1	33	0.6	46.6	8.1	46.6	8.1	33	0.6	1972*	1958
Monthly	47.6	8.7	54.4	12.4	70	21.1	40.9	4.9	28	-2.2	40.9	4.9	40.9	4.9	28	-2.2	1969*	1977

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

43323

YOKOSUKA, JAPAN

1953-1977

APRIL

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	52.8	11.6	59.4	15.2	73	22.8	73	22.8	45.1	7.8	37	2.8	1956
2	51.8	11.0	58.4	14.7	69	20.6	69	20.6	45.2	7.3	37	2.8	1965*
3	51.8	11.0	58.2	14.6	68	20.0	68	20.0	45.4	7.4	37	2.8	1972
4	52.4	11.3	58.3	14.6	70	21.1	70	21.1	46.5	8.1	38	3.3	1965
5	53.8	12.1	61.4	16.3	72	22.2	72	22.2	46.3	7.9	38	3.3	1955
6	55.2	12.9	62.8	17.1	71	21.7	71	21.7	47.6	8.7	38	3.3	1965
7	55.8	13.2	63.1	17.3	71	21.7	71	21.7	48.4	9.1	41	5.0	1963
8	54.4	12.4	60.1	15.6	74	23.3	74	23.3	48.7	9.3	39	3.9	1963*
9	54.9	12.7	60.9	16.1	71	21.7	71	21.7	49.0	9.4	39	3.9	1976
10	55.1	12.8	61.2	16.2	70	21.1	70	21.1	49.1	9.5	40	4.4	1972
11	54.9	12.7	61.7	16.5	74	23.3	74	23.3	48.2	9.0	39	3.9	1963
12	55.3	12.9	61.4	16.3	74	23.3	74	23.3	49.1	9.5	36	2.2	1965
13	56.2	13.4	62.0	16.7	73	22.8	73	22.8	50.4	10.2	42	5.6	1953
14	57.6	14.2	64.2	17.9	74	23.3	74	23.3	51.1	10.6	43	6.1	1970*
15	57.7	14.3	64.3	17.9	77	25.0	77	25.0	51.2	10.7	42	5.6	1967*
16	57.7	14.3	64.0	17.8	75	23.9	75	23.9	51.3	10.7	39	3.9	1967
17	58.6	14.8	65.9	18.8	77	25.0	77	25.0	51.2	10.7	34	1.1	1969
18	57.4	14.1	64.0	17.8	81	27.2	81	27.2	50.7	10.4	40	4.4	1953
19	56.1	13.4	62.2	16.8	74	23.3	74	23.3	49.9	9.9	43	6.1	1971*
20	58.2	14.6	64.9	18.3	75	23.9	75	23.9	51.5	10.8	42	5.6	1955
21	58.9	14.9	65.3	18.5	73	22.8	73	22.8	52.4	11.3	44	6.7	1975*
22	58.4	14.7	64.4	18.0	79	26.1	79	26.1	52.4	11.3	44	6.7	1975*
23	56.7	14.8	64.6	18.1	75	23.9	75	23.9	52.8	11.6	44	6.7	1975*
24	59.4	15.2	65.8	18.8	75	23.9	75	23.9	53.1	11.7	47	8.3	1975*
25	59.8	15.4	65.8	18.8	75	23.9	75	23.9	53.7	12.1	48	8.9	1967*
26	61.6	16.4	68.4	20.2	76	24.4	76	24.4	54.8	12.7	48	8.9	1967*
27	61.4	16.3	68.1	20.1	75	23.9	75	23.9	54.6	12.6	45	7.2	1954
28	60.9	16.1	67.4	19.7	77	25.0	77	25.0	54.5	12.5	48	8.9	1954
29	60.9	16.1	66.9	19.4	76	24.4	76	24.4	54.8	12.7	42	5.6	1965
30	60.9	16.1	67.7	19.8	76	24.4	76	24.4	54.2	12.3	43	6.1	1965
31													
Monthly	57.0	13.9	63.4	17.4	81	27.2	81	27.2	50.5	10.3	34	1.1	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

125

DAILY AVERAGE/EXTREME TEMP MAR 1978

125

125

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

43323

YOKOSUKA, JAPAN

1953-1977

MAY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	61.6	16.4	68.2	20.1	77	25.0	77	25.0	55.1	12.8	48	8.9	1973
2	62.0	16.7	68.4	20.2	77	25.0	77	25.0	55.6	13.1	47	8.3	1969*
3	61.6	16.4	68.1	20.1	78	25.6	78	25.6	55.1	12.8	45	7.2	1969
4	61.7	16.5	67.9	19.9	77	25.0	77	25.0	55.4	13.0	47	8.3	1959
5	62.7	17.1	68.2	20.1	80	26.7	80	26.7	57.2	14.0	50	10.0	1959
6	62.6	17.0	69.2	20.7	76	24.4	76	24.4	56.0	13.3	48	8.9	1977*
7	61.1	16.2	66.6	19.2	76	24.4	76	24.4	55.6	13.1	50	10.0	1964
8	62.8	17.1	69.2	20.7	78	25.6	78	25.6	56.5	13.6	51	10.6	1964
9	63.6	17.6	69.6	20.9	84	28.9	84	28.9	57.6	14.2	51	10.6	1969
10	63.8	17.7	70.2	21.2	78	25.6	78	25.6	57.3	14.1	48	8.9	1964
11	64.3	17.9	70.1	21.2	79	26.1	79	26.1	58.6	14.8	47	8.3	1956
12	64.0	17.8	70.0	21.1	77	25.0	77	25.0	58.0	14.4	48	8.9	1967
13	64.5	18.1	71.0	21.7	78	25.6	78	25.6	58.0	14.4	47	8.3	1967
14	64.0	17.8	70.2	21.2	77	25.0	77	25.0	57.9	14.4	53	11.7	1967
15	64.0	17.8	69.8	21.0	78	25.6	78	25.6	58.2	14.6	49	9.4	1973
16	63.8	17.7	69.6	20.9	78	25.6	78	25.6	58.0	14.4	51	10.6	1964
17	64.0	17.8	70.4	21.3	79	26.1	79	26.1	57.6	14.2	52	11.1	1974
18	65.5	18.6	72.2	22.3	83	28.3	83	28.3	58.8	14.9	51	10.6	1974
19	64.4	18.0	70.4	21.3	79	26.1	79	26.1	58.4	14.7	53	11.7	1974*
20	64.2	17.9	70.2	21.2	81	27.2	81	27.2	58.2	14.6	53	11.7	1977
21	65.6	18.7	72.4	22.4	78	25.6	78	25.6	58.9	14.9	52	11.1	1957*
22	65.3	18.5	71.0	21.7	78	25.6	78	25.6	59.5	15.3	53	11.7	1963
23	64.2	17.9	69.7	20.9	78	25.6	78	25.6	58.6	14.8	51	10.6	1967
24	64.4	18.0	70.3	21.3	78	25.6	78	25.6	58.5	14.7	49	9.4	1973
25	65.5	18.6	72.1	22.3	82	27.8	82	27.8	58.9	14.9	52	11.1	1963
26	67.0	19.4	73.8	23.2	81	27.2	81	27.2	60.3	15.7	55	12.8	1971
27	67.1	19.5	73.4	23.0	80	26.7	80	26.7	60.8	16.0	54	12.2	1961
28	66.8	19.3	72.8	22.7	79	26.1	79	26.1	60.8	16.0	56	13.3	1970
29	66.5	19.2	72.0	22.2	80	26.7	80	26.7	61.0	16.1	52	11.1	1958
30	67.3	19.6	73.0	22.8	80	26.7	80	26.7	61.6	16.4	52	11.1	1958
31	67.9	19.9	74.1	23.4	86	30.0	86	30.0	61.7	16.5	55	12.8	1958
Monthly	64.3	17.9	70.4	21.3	86	30.0	86	30.0	58.2	14.6	45	7.2	1958

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1972

STATION
43323

YOKOSUKA, JAPAN

1953-1977

JUNE

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		MINIMUM TEMP		AVERAGE		EXTREME		DATE	
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C			°F	°C	°F	°C	°F	°C		
1	68.0	20.0	73.8	23.2	81	27.2	1974*	62.1	16.7	56	13.3	1966	62.1	16.7	56	13.3	1966			
2	68.0	20.0	73.3	22.9	83	28.3	1976	62.6	17.0	55	12.8	1966*	62.6	17.0	55	12.8	1966*			
3	67.2	19.6	72.5	22.5	81	27.2	1977	62.0	16.7	54	12.2	1966	62.0	16.7	54	12.2	1966			
4	67.1	19.5	72.0	22.2	81	27.2	1977	62.2	16.8	55	12.8	1966	62.2	16.8	55	12.8	1966			
5	67.7	19.8	73.4	23.0	81	27.2	1977	62.0	16.7	55	12.8	1966	62.0	16.7	55	12.8	1966			
6	68.4	20.2	74.2	23.4	85	29.4	1956*	62.6	17.0	52	11.1	1963	62.6	17.0	52	11.1	1963			
7	67.5	19.7	73.5	23.1	81	27.2	1970	61.5	16.4	51	10.6	1963	61.5	16.4	51	10.6	1963			
8	67.8	19.9	73.5	23.1	81	27.2	1970	62.2	16.8	54	12.2	1969*	62.2	16.8	54	12.2	1969*			
9	69.0	20.6	74.4	23.6	82	27.8	1953	63.6	17.6	57	13.9	1963*	63.6	17.6	57	13.9	1963*			
10	68.7	20.4	74.2	23.4	83	28.3	1972	63.1	17.3	54	12.2	1966*	63.1	17.3	54	12.2	1966*			
11	68.2	20.1	73.4	23.0	84	28.9	1972	63.1	17.3	54	12.2	1966*	63.1	17.3	54	12.2	1966*			
12	67.4	19.7	72.0	22.2	79	26.1	1967*	62.9	17.2	53	11.7	1966	62.9	17.2	53	11.7	1966			
13	68.4	20.2	73.6	23.1	82	27.8	1967	63.2	17.3	55	12.8	1966	63.2	17.3	55	12.8	1966			
14	68.8	20.4	74.1	23.4	82	27.8	1967	63.6	17.6	58	14.4	1961*	63.6	17.6	58	14.4	1961*			
15	69.0	20.6	74.3	23.5	82	27.8	1956	63.7	17.6	56	13.3	1954	63.7	17.6	56	13.3	1954			
16	69.4	20.8	74.4	23.6	83	28.3	1953	64.3	17.9	56	13.3	1970	64.3	17.9	56	13.3	1970			
17	69.5	20.8	74.4	23.6	81	27.2	1975	64.6	18.1	56	13.3	1970	64.6	18.1	56	13.3	1970			
18	70.2	21.2	74.9	23.8	87	30.6	1956	65.6	18.7	60	15.6	1977*	65.6	18.7	60	15.6	1977*			
19	69.9	21.1	75.0	23.9	85	29.4	1975	64.9	18.3	58	14.4	1977*	64.9	18.3	58	14.4	1977*			
20	70.6	21.4	75.8	24.3	84	28.9	1956	65.3	18.5	57	13.9	1962	65.3	18.5	57	13.9	1962			
21	71.1	21.7	76.0	24.4	84	28.9	1972	66.3	19.1	60	15.6	1976*	66.3	19.1	60	15.6	1976*			
22	70.2	21.2	74.3	23.5	83	28.3	1963	66.1	18.9	58	14.4	1953	66.1	18.9	58	14.4	1953			
23	70.2	21.2	75.0	23.9	83	28.3	1963	65.3	18.5	57	13.9	1954	65.3	18.5	57	13.9	1954			
24	71.2	21.8	76.8	24.9	83	28.3	1967	65.5	18.6	57	13.9	1954	65.5	18.6	57	13.9	1954			
25	71.4	21.9	76.2	24.6	84	28.9	1958	66.6	19.2	61	16.1	1962*	66.6	19.2	61	16.1	1962*			
26	71.9	22.2	77.0	25.0	85	29.4	1971*	66.9	19.4	60	15.6	1962	66.9	19.4	60	15.6	1962			
27	71.2	21.8	75.7	24.3	83	28.3	1976*	66.7	19.3	60	15.6	1962*	66.7	19.3	60	15.6	1962*			
28	71.8	22.1	76.8	24.9	84	28.9	1971*	66.8	19.3	61	16.1	1957	66.8	19.3	61	16.1	1957			
29	72.5	22.5	77.0	25.0	87	30.6	1955	68.0	20.0	61	16.1	1957	68.0	20.0	61	16.1	1957			
30	73.0	22.8	77.6	25.3	86	30.0	1965	68.4	20.2	57	13.9	1976	68.4	20.2	57	13.9	1976			
31																				
Monthly	69.5	20.8	74.6	23.7	87	30.6	1956*	64.4	18.0	51	10.6	1963	64.4	18.0	51	10.6	1963			

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 43323 YOKOSUKA, JAPAN 1953-1977 JULY MONTH
YEARS

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	72.6	22.6	76.7	24.8	88	31.1	1972		68.6	20.3	56	13.3	1976	
2	73.1	22.8	78.0	25.6	86	30.0	1977*		68.2	20.1	58	14.4	1976	
3	73.4	23.0	78.6	25.9	89	31.7	1964		68.3	20.2	57	13.9	1976	
4	73.1	22.8	77.5	25.3	84	28.9	1971*		68.6	20.3	58	14.4	1976	
5	72.8	22.7	77.2	25.1	85	29.4	1973*		68.4	20.2	59	15.0	1976	
6	73.2	22.9	77.4	25.2	86	30.0	1973		69.0	20.6	62	16.7	1974	
7	73.9	23.3	78.4	25.8	87	30.6	1961		69.4	20.8	60	15.6	1969	
8	74.3	23.5	78.9	26.1	89	31.7	1961*		69.7	20.9	60	15.6	1969	
9	74.3	23.5	79.4	26.3	89	31.7	1961		69.3	20.7	61	16.1	1969	
10	74.3	23.5	78.6	25.9	89	31.7	1973		70.0	21.1	64	17.8	1957	
11	74.0	23.3	78.6	25.9	87	30.6	1961		69.4	20.8	64	17.8	1954	
12	74.8	23.8	80.0	26.7	88	31.1	1971		69.7	20.9	62	16.7	1974*	
13	75.0	23.9	79.7	26.5	88	31.1	1964		70.4	21.3	62	16.7	1974*	
14	76.8	24.9	82.6	28.1	92	33.3	1977		71.0	21.7	63	17.2	1954	
15	77.0	25.0	83.0	28.3	90	32.2	1973*		71.1	21.7	61	16.1	1954	
16	77.0	25.0	82.3	27.9	91	32.8	1967*		71.7	22.1	65	18.3	1954	
17	77.0	25.0	82.0	27.8	90	32.2	1973		72.0	22.2	66	18.9	1954	
18	76.8	24.9	82.5	28.1	93	33.9	1975		71.2	21.8	65	18.3	1954	
19	76.2	24.6	81.2	27.3	86	30.0	1977*		71.3	21.8	65	18.3	1976	
20	76.6	24.8	81.7	27.6	88	31.1	1970		71.6	22.0	63	17.2	1976	
21	77.0	25.0	82.2	27.9	89	31.7	1955		71.9	22.2	65	18.3	1965	
22	77.8	25.4	82.9	28.3	89	31.7	1970*		72.6	22.6	64	17.8	1974*	
23	77.4	25.2	82.5	28.1	88	31.1	1970		72.4	22.4	63	17.2	1974	
24	78.0	25.6	83.2	28.4	89	31.7	1953		72.8	22.7	67	19.4	1973*	
25	78.9	26.1	84.3	29.1	89	31.7	1969*		73.6	23.1	69	20.6	1965	
26	79.0	26.1	84.2	29.0	90	32.2	1953		73.7	23.2	68	20.0	1957	
27	79.6	26.4	85.0	29.4	90	32.2	1963*		74.3	23.5	68	20.0	1972	
28	79.7	26.5	84.9	29.4	89	31.7	1969*		74.4	23.6	66	18.9	1972	
29	80.0	26.7	85.4	29.7	89	31.7	1965*		74.6	23.7	69	20.6	1972	
30	80.5	26.9	86.0	30.0	92	33.3	1965*		75.1	23.9	72	22.2	1960	
31	80.6	27.0	86.1	30.1	91	32.8	1957*		75.0	23.9	71	21.7	1968	
Monthly	76.3	24.6	81.3	27.4	93	33.9	1975		71.3	21.8	56	13.3	1976	

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

43323

YOKOSUKA, JAPAN

1953-1977

AUGUST

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	
1	80.9	27.2	86.2	30.1	92	33.3	92	33.3	75.6	24.2	72	22.2	1963
2	80.7	27.1	86.6	30.3	92	33.3	92	33.3	74.9	23.8	71	21.7	1963
3	80.3	26.8	86.0	30.0	93	33.9	93	33.9	74.6	23.7	68	20.0	1953
4	80.4	26.9	85.9	29.9	92	33.3	92	33.3	74.9	23.8	68	20.0	1953
5	80.5	26.9	85.9	29.9	92	33.3	92	33.3	75.1	23.9	70	21.1	1961
6	80.3	26.8	86.2	30.1	92	33.3	92	33.3	74.4	23.6	68	20.0	1967
7	79.7	26.5	85.4	29.7	90	32.2	90	32.2	74.0	23.3	68	20.0	1977*
8	80.2	26.8	86.1	30.1	94	34.4	94	34.4	74.4	23.6	70	21.1	1967*
9	80.2	26.8	86.0	30.0	92	33.3	92	33.3	74.4	23.6	69	20.6	1958
10	79.9	26.6	85.3	29.6	92	33.3	92	33.3	74.6	23.7	70	21.1	1977
11	79.6	26.4	84.8	29.3	91	32.8	91	32.8	74.4	23.6	66	18.9	1959
12	80.5	26.9	86.3	30.2	92	33.3	92	33.3	74.6	23.7	66	18.9	1959
13	80.8	27.1	86.9	30.5	94	34.4	94	34.4	74.8	23.8	68	20.0	1977*
14	79.6	26.4	85.3	29.6	91	32.8	91	32.8	73.9	23.3	63	17.2	1960
15	78.9	26.1	83.8	28.8	90	32.2	90	32.2	74.0	23.3	63	18.3	1960
16	79.6	26.4	84.9	29.4	90	32.2	90	32.2	74.3	23.5	68	20.0	1960
17	80.0	26.7	85.2	29.6	93	33.9	93	33.9	74.7	23.7	69	20.6	1960
18	80.1	26.7	85.3	29.6	96	35.6	96	35.6	74.8	23.8	68	20.0	1976
19	79.3	26.3	84.5	29.2	92	33.3	92	33.3	74.2	23.4	68	20.0	1977*
20	79.9	26.6	85.1	29.5	92	33.3	92	33.3	74.8	23.8	67	19.4	1977
21	79.9	26.6	85.1	29.5	95	35.0	95	35.0	74.6	23.7	69	20.6	1977*
22	79.2	26.2	84.2	29.0	90	32.2	90	32.2	74.2	23.4	64	17.8	1977
23	78.4	25.8	83.5	28.6	91	32.8	91	32.8	73.3	22.9	62	16.7	1977
24	78.0	25.6	83.4	28.6	90	32.2	90	32.2	72.6	22.6	65	18.3	1977*
25	77.0	25.0	81.8	27.7	91	32.8	91	32.8	72.3	22.4	63	17.2	1953
26	76.8	24.9	81.4	27.4	89	31.7	89	31.7	72.2	22.3	63	17.2	1953
27	77.9	25.5	83.0	28.3	89	31.7	89	31.7	72.7	22.6	65	18.3	1953
28	78.9	26.1	84.6	29.2	92	33.3	92	33.3	73.1	22.8	60	15.6	1953
29	78.0	25.6	83.5	28.6	91	32.8	91	32.8	72.6	22.6	63	17.2	1953
30	76.8	24.9	81.4	27.4	87	30.6	87	30.6	72.1	22.3	64	17.8	1953
31	76.2	24.6	81.5	27.5	89	31.7	89	31.7	70.9	21.6	64	17.8	1953
Monthly	79.3	26.3	84.7	29.3	96	35.6	96	35.6	73.9	23.3	60	15.6	1953

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

43323

YOKOSUKA, JAPAN

1953-1977

SEPTEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	76.6	24.8	82.1	27.8	88	31.1	1975	71.1	21.7	66	18.9	1958*		
2	76.7	24.8	81.9	27.7	91	32.8	1966	71.5	21.9	62	16.7	1971		
3	76.5	24.7	81.5	27.5	91	32.8	1970	71.5	21.9	61	16.1	1971		
4	76.0	24.4	81.0	27.2	89	31.7	1973	71.0	21.7	63	17.2	1971		
5	75.8	24.3	81.0	27.2	89	31.7	1961	70.6	21.4	64	17.8	1957		
6	76.5	24.7	82.0	27.8	88	31.1	1961	71.0	21.7	65	18.9	1976		
7	76.2	24.6	81.0	27.2	87	30.6	1977	71.5	21.9	65	18.3	1971		
8	75.7	24.3	80.3	26.8	88	31.1	1956	71.1	21.7	64	17.8	1973		
9	75.5	24.2	80.3	26.8	90	32.2	1962	70.7	21.5	64	17.8	1968		
10	75.9	24.4	81.4	27.4	89	31.7	1970	70.5	21.4	62	16.7	1969*		
11	75.6	24.2	80.5	26.9	87	30.6	1975*	70.6	21.4	61	16.1	1969		
12	74.8	23.8	79.6	26.4	90	32.2	1975	70.0	21.1	63	17.2	1968		
13	74.5	23.6	79.5	26.4	91	32.8	1975	69.5	20.8	62	16.7	1965		
14	73.4	23.0	77.7	25.4	86	30.0	1955	69.2	20.7	62	16.7	1965		
15	74.6	23.7	79.6	26.4	87	30.6	1970*	69.6	20.9	63	17.2	1972		
16	73.9	23.3	78.6	25.9	90	32.2	1969	69.2	20.7	61	16.1	1956		
17	72.3	22.4	76.6	24.8	88	31.1	1975	68.0	20.0	59	15.0	1956		
18	73.6	23.1	78.3	25.7	88	31.1	1958	68.8	20.4	60	15.6	1966		
19	73.3	22.9	78.8	26.0	87	30.6	1975*	67.7	19.8	62	16.7	1966		
20	72.1	22.3	77.8	25.4	88	31.1	1975	66.4	19.1	60	15.6	1967		
21	71.4	21.9	76.4	24.7	87	30.6	1975	66.3	19.1	60	15.6	1967		
22	70.7	21.5	75.6	24.2	91	32.8	1975	65.7	18.7	60	15.6	1976*		
23	70.5	21.4	75.6	24.2	84	28.9	1970*	65.3	18.5	56	13.3	1964		
24	70.3	21.3	75.0	23.9	88	31.1	1961	65.6	18.7	54	12.2	1964		
25	70.3	21.3	75.1	23.9	83	28.3	1973*	65.5	18.6	58	14.4	1969		
26	70.8	21.6	75.9	24.4	85	29.4	1961*	65.7	18.7	61	16.1	1976*		
27	69.5	20.8	74.6	23.7	85	29.4	1971	64.4	18.0	56	13.3	1955		
28	68.0	20.0	73.0	22.8	80	26.7	1965	63.0	17.2	53	12.8	1964		
29	67.8	19.9	72.8	22.7	84	28.9	1962	62.8	17.1	57	13.9	1960		
30	67.4	19.7	72.2	22.3	81	27.2	1968*	62.6	17.0	56	13.3	1965		
31														
Monthly	73.2	22.9	78.2	25.7	91	32.8	1975*	68.2	20.1	54	12.2	1964		

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

43323

YOKOSUKA, JAPAN

STATION

STATION NAME

1953-1977

YEARS

OCTOBER

MONTH

DAY	MEAN TEMP			MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		°C	AVERAGE		EXTREME		DATE	AVERAGE		EXTREME		DATE
	°F	°C		°F	°C	°F	°C		°F	°C			
1	67.8	19.9	72.5	22.5	80	26.7	1961	63.0	17.2	57	13.9	1969*	
2	67.0	19.4	71.6	22.0	80	26.7	1973	62.3	16.8	54	12.2	1967	
3	66.1	18.9	70.2	21.2	83	28.3	1962	62.0	16.7	54	12.2	1967	
4	66.5	19.2	71.6	22.0	79	26.1	1973	61.5	16.4	52	11.1	1965	
5	66.4	19.1	71.2	21.8	80	26.7	1955	61.6	16.4	56	13.3	1954	
6	65.7	18.7	70.4	21.3	83	28.3	1964	61.0	16.1	54	12.2	1976	
7	64.1	17.8	68.6	20.3	82	27.8	1961	59.7	15.4	53	12.8	1976*	
8	64.6	18.1	69.8	21.0	81	27.2	1959	59.3	15.2	52	11.1	1954	
9	64.2	17.9	69.0	20.6	80	26.7	1974*	59.4	15.2	53	11.7	1954	
10	64.4	18.0	70.0	21.1	81	27.2	1970	58.9	14.9	53	11.7	1973	
11	64.1	17.8	68.4	20.2	77	25.0	1956	59.8	15.4	53	11.7	1954	
12	63.6	17.6	68.8	20.4	80	26.7	1962	58.3	14.6	53	11.7	1969*	
13	63.1	17.3	68.5	20.3	77	25.0	1973*	57.8	14.3	50	10.0	1969	
14	63.4	17.4	68.7	20.4	78	25.6	1958	58.2	14.6	50	10.0	1969	
15	64.4	18.0	70.0	21.1	80	26.7	1958	58.9	14.9	52	11.1	1954	
16	63.9	17.7	69.8	21.0	78	25.6	1977	58.0	14.4	50	10.0	1973*	
17	62.8	17.1	67.8	19.9	79	26.1	1963	57.8	14.3	52	11.1	1973*	
18	61.8	16.6	66.0	18.9	74	23.3	1966	57.6	14.2	52	11.1	1957	
19	62.1	16.7	66.8	19.3	80	26.7	1961	57.4	14.1	48	8.9	1957	
20	60.5	15.8	65.5	18.6	76	24.4	1961	55.6	13.1	48	8.9	1963	
21	61.1	16.2	66.1	18.9	78	25.6	1976	56.0	13.3	48	8.9	1970	
22	61.4	16.3	67.0	19.4	75	23.9	1973	55.6	13.2	49	9.4	1970	
23	61.7	16.5	66.9	19.4	75	23.9	1971	56.6	13.7	51	10.6	1963*	
24	61.0	16.1	65.8	18.8	75	23.9	1970*	56.2	13.4	51	10.6	1962	
25	60.7	15.9	65.4	18.6	73	22.8	1970	55.9	13.3	52	11.1	1964*	
26	60.5	15.8	65.2	18.4	75	23.9	1970*	55.8	13.2	49	9.4	1964	
27	60.6	15.9	65.6	18.7	75	23.9	1977*	55.6	13.1	49	9.4	1976	
28	59.9	15.5	64.6	18.1	73	22.8	1965	55.2	12.9	47	8.3	1971	
29	61.3	16.3	67.2	19.6	81	27.2	1955	55.4	13.0	48	8.9	1958	
30	60.1	15.6	65.9	18.8	73	22.8	1972	54.3	12.4	47	8.3	1976	
31	60.6	15.9	66.6	19.2	78	25.6	1977	54.7	12.6	47	8.3	1975*	
Monthly	63.1	17.3	68.1	20.1	83	28.3	1964*	58.0	14.4	47	8.3	1976*	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

0000

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

43323

YUKOSUKA, JAPAN

1953-1977

NOVEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE	
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C		DATE
1	60.4	15.8	65.4	18.6	78	25.6	1977	1977	55.4	13.0	50	10.0 1955
2	59.8	15.4	65.2	18.4	72	22.2	1977*	1977*	54.5	12.5	48	8.9 1955
3	59.2	15.1	64.2	17.9	75	23.9	1960	1960	54.1	12.3	49	9.4 1976
4	59.6	15.3	65.0	18.3	77	25.0	1976	1976	54.1	12.3	47	8.3 1964
5	59.5	15.3	65.5	18.6	75	23.9	1965	1965	53.5	11.9	48	8.9 1976
6	58.6	14.8	64.2	17.9	76	24.4	1977	1977	53.0	11.7	47	8.3 1962
7	58.5	14.7	63.8	17.7	74	23.3	1966	1966	53.1	11.7	46	7.8 1973*
8	58.8	14.9	64.8	18.2	75	23.9	1977	1977	52.8	11.6	45	7.2 1971
9	57.9	14.4	63.4	17.4	78	25.6	1967	1967	52.4	11.3	44	6.7 1964
10	57.1	13.9	62.5	16.9	71	21.7	1969	1969	51.8	11.0	47	8.3 1963*
11	56.2	13.4	61.8	16.6	71	21.7	1957	1957	50.6	10.3	43	6.1 1953
12	54.4	12.4	60.4	15.8	67	19.4	1956	1956	48.4	9.1	41	5.0 1953
13	55.2	12.9	61.0	16.1	70	21.1	1970	1970	49.4	9.7	41	5.0 1976
14	56.9	13.8	63.4	17.4	75	23.9	1966	1966	50.3	10.3	42	5.6 1967
15	54.6	12.6	60.3	15.7	70	21.1	1969	1969	48.8	9.3	41	5.0 1961
16	54.4	12.4	59.8	15.4	76	24.4	1975	1975	49.0	9.4	41	5.0 1974*
17	53.7	12.1	58.9	14.9	72	22.2	1977*	1977*	48.5	9.2	42	5.6 1976
18	53.2	11.8	58.0	14.4	71	21.7	1961	1961	48.5	9.2	39	3.9 1953
19	53.5	11.9	59.0	15.0	71	21.7	1977	1977	48.0	8.9	39	3.9 1953
20	53.5	11.9	58.8	14.9	70	21.1	1965	1965	48.2	9.0	38	3.3 1973
21	53.2	11.8	59.2	15.1	68	20.0	1970*	1970*	47.3	8.5	40	4.4 1958*
22	52.4	11.3	58.0	14.4	66	18.9	1977	1977	46.8	8.2	38	3.3 1962
23	52.1	11.2	57.8	14.3	72	22.2	1963	1963	46.5	8.1	38	3.3 1962
24	52.2	11.2	58.1	14.5	67	19.4	1968	1968	46.4	8.0	39	3.9 1962
25	51.9	11.1	58.4	14.7	70	21.1	1960	1960	45.4	7.4	40	4.4 1976*
26	52.3	11.3	58.1	14.5	73	22.8	1960	1960	46.4	8.0	38	3.3 1973
27	52.1	11.2	58.0	14.4	71	21.7	1968	1968	46.1	7.8	39	3.9 1962
28	51.8	11.0	58.4	14.7	71	21.7	1957	1957	45.2	7.3	38	3.3 1960
29	51.4	10.8	57.4	14.1	67	19.4	1967	1967	45.4	7.4	39	3.9 1976*
30	49.9	9.9	55.5	13.1	68	20.0	1967	1967	44.4	6.9	36	2.2 1970
31												
Monthly	55.1	12.8	60.8	16.0	78	25.6	1977*	1977*	49.5	9.7	36	2.2 1970

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

43323

YOKOSUKA, JAPAN

1953-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	50.1	10.1	56.6	13.7	66	18.9	18.9	1969	43.6	6.4	34	1.1	1.1	1970	
2	49.2	9.6	55.2	12.9	66	18.9	1954*		43.3	6.3	38	3.3	3.3	1966*	
3	50.2	10.1	56.8	13.8	67	19.4	1968*		43.7	6.5	37	2.8	2.8	1966*	
4	49.4	9.7	55.0	12.8	64	17.8	1959*		43.8	6.6	37	2.8	2.8	1973	
5	48.6	9.2	54.0	12.2	63	17.2	1975		43.2	6.2	34	1.1	1.1	1973	
6	50.0	10.0	56.2	13.4	65	18.3	1972		43.7	6.5	38	3.3	3.3	1965	
7	49.1	9.5	54.6	12.6	68	20.0	1969		43.6	6.4	36	2.2	2.2	1965	
8	49.5	9.7	56.6	13.7	67	19.4	1972		42.4	5.8	34	1.1	1.1	1965	
9	48.3	9.1	54.7	12.6	71	21.7	1954		41.9	5.5	35	1.7	1.7	1971	
10	48.3	9.1	55.1	12.8	68	20.0	1968		41.6	5.3	34	1.1	1.1	1973	
11	48.7	9.3	55.3	12.9	62	16.7	1960		42.1	5.6	37	2.8	2.8	1970	
12	48.1	8.9	54.0	12.2	63	17.2	1965		42.2	5.7	34	1.1	1.1	1967	
13	48.3	9.1	54.9	12.7	71	21.7	1957		41.6	5.4	35	1.7	1.7	1966*	
14	47.7	8.7	55.0	12.8	69	20.6	1959		40.4	4.7	33	0.6	0.6	1972*	
15	48.5	9.2	55.5	13.1	66	18.9	1955		41.5	5.3	34	1.1	1.1	1966	
16	47.2	8.4	53.7	12.1	64	17.8	1977		40.7	4.8	35	1.7	1.7	1966	
17	47.2	8.4	53.8	12.1	71	21.7	1977		40.5	4.7	33	0.6	0.6	1965	
18	47.7	8.7	54.4	12.4	66	18.9	1953		41.0	5.0	32	0.0	0.0	1953	
19	46.9	8.3	52.4	11.3	62	16.7	1971		41.4	5.2	36	2.2	2.2	1969*	
20	46.9	8.3	52.4	11.3	64	17.8	1958		41.4	5.2	36	2.2	2.2	1973*	
21	46.9	8.3	54.0	12.2	67	19.4	1968		39.9	4.4	33	0.6	0.6	1972	
22	46.4	8.0	52.7	11.5	62	16.7	1969		40.0	4.4	33	0.6	0.6	1959	
23	45.8	7.7	51.5	10.8	60	15.6	1962		40.1	4.5	35	1.7	1.7	1956	
24	46.4	8.0	52.9	11.6	66	18.9	1963		39.8	4.3	32	0.0	0.0	1973	
25	45.5	7.5	51.1	10.6	60	15.6	1963		39.8	4.3	32	0.0	0.0	1973	
26	46.2	7.9	52.4	11.3	60	15.6	1969		40.0	4.4	32	0.0	0.0	1967	
27	44.8	7.1	50.2	10.1	64	17.8	1955		39.4	4.1	32	0.0	0.0	1976*	
28	44.2	6.8	50.0	10.0	60	15.6	1959		38.4	3.6	30	-1.1	-1.1	1969	
29	44.5	6.9	50.4	10.2	60	15.6	1977*		38.6	3.7	30	-1.1	-1.1	1976	
30	45.2	7.3	51.5	10.8	65	18.3	1977		38.8	3.8	32	0.0	0.0	1976*	
31	44.1	6.7	50.8	10.4	65	18.3	1959		37.4	3.0	32	0.0	0.0	1976*	
Monthly	47.4	8.6	53.7	12.1	71	21.7	1977*		41.2	5.1	30	-1.1	-1.1	1976*	

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

43323 STATION YOKOSUKA, JAPAN STATION NAME 53-77 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53	65	70	67	72	79	85	90	96	87	76	74	67	92
54	59	66	69	72	75	80	84	92	86	74	69	71	92
55	59	62	68	77	83	87	90	92	88	81	71	66	92
56	68	52	68	76	78	81	91	89	84	77	71	71	91
57	62	66	67	79	86	84	87	91	88	80	73	64	91
58	63	75	68	77	80	79	89	91	88	81	72	69	91
59	67	64	70	71	78	84	88	91	88	77	75	66	91
60	58	56	67	73	80	81	90	92	89	82	71	67	92
61	56	70	66	72	78	81	88	92	90	83	75	62	92
62	53	57	68	75	82	85	90	89	85	79	72	66	90
63	64	53	67	81	78	83	89	92	86	83	72	60	92
64	56	63	61	75	80	86	92	92	84	79	75	63	92
65	64	67	69	75	78	84	90	94	91	77	75	59	94
66	65	62	67	74	83	84	91	93	85	77	78	64	93
67	61	59	66	72	76	81	87	90	83	82	71	68	90
68	73	66	70	77	84	82	89	94	90	77	71	68	94
69	58	65	62	72	79	83	89	91	91	81	74	64	91
70	57	61	68	73	81	85	88	91	85	75	68	63	91
71	67	59	69	76	75	84	88	92	87	79	72	67	92
72	64	66	67	76	79	82	91	92	89	81	70	62	92
73	55	65	67	74	83	81	86	91	86	80	71	59	91
74	65	59	64	77	79	85	93	90	91	78	76	63	93
75	64	64	65	75	80	83	87	91	87	79	77	61	91
76	63	69	68	76	81	81	92	93	88	79	78	71	93
77													
MEAN	61.9	63.2	67.0	75.0	79.6	83.1	89.2	91.7	87.3	79.0	72.8	65.0	91.8
S. D.	4.800	5.514	2.160	2.406	2.797	2.166	2.127	1.547	2.301	2.441	2.784	3.553	1.062
TOTAL OBS.	744	678	775	750	775	750	775	775	750	775	750	775	9072

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

43323 STATION YOKOSUKA, JAPAN

53-77

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53			33	40	45	57	64	60	61	54	39	32	
54	31	31	33	45	52	54	61	68	63	52	44	37	31
55	33	28	32	38	51	58	71	70	56	53	43	32	28
56	33	33	32	37	51	61	66	66	59	52	40	34	32
57	32	30	29	39	49	53	64	68	60	48	44	38	29
58	32	34	31	41	47	55	65	67	60	48	39	36	31
59	29	31	34	44	52	58	68	66	64	52	42	33	29
60	28	31	34	41	47	57	66	63	57	51	38	35	28
61	30	31	34	41	53	58	69	69	62	52	40	33	30
62	32	32	35	40	51	57	62	72	57	50	38	38	32
63	27	31	32	39	47	51	62	68	58	48	40	34	27
64	32	31	35	43	53	58	65	71	54	49	39	35	31
65	32	29	32	36	47	58	64	68	56	52	42	33	29
66	29	30	36	41	50	53	59	71	60	52	39	31	29
67	25	27	33	36	54	60	66	68	60	51	40	32	25
68	29	29	33	44	50	61	64	67	62	48	43	37	29
69	30	30	30	34	55	54	60	70	58	48	40	30	30
70	25	28	31	42	52	56	62	68	61	47	36	32	25
71	30	30	29	42	50	60	65	68	59	47	37	35	29
72	32	33	35	37	51	59	66	68	61	53	38	33	32
73	32	29	30	40	49	56	66	74	62	50	38	32	29
74	30	29	30	41	50	60	62	70	60	53	41	35	29
75	28	28	31	40	52	61	64	68	62	47	43	35	28
76	26	30	34	39	48	57	56	65	59	47	39	30	26
77	29	26	26	43	51	58	64	62	62	53	45	35	26
MEAN	29.8	30.0	32.2	40.1	50.3	57.2	64.0	67.8	59.7	50.3	40.3	33.9	28.9
S. D.	2.408	1.922	2.146	2.743	2.458	2.708	3.182	3.069	2.441	2.354	2.390	2.279	2.062
TOTAL OBS.	744	678	775	750	775	750	775	775	750	775	750	775	9072

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5723 Extreme Values Jan 1969

PSYCHROMETRIC SUMMARY

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YOKOSUKA, JAPAN

73-77

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HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Wet Bulb Dew Point
64/ 63						.2	.1											3	3
62/ 61			.1	.1	.2	.2												4	4
60/ 59	.1	.1	.2	.1	.2	.2												7	7
58/ 57	.1	.1	.1	.1	.2	.2	.2											7	7
56/ 55	.1	.1	.2	.3	.2	.5	.1											17	17
54/ 53			.2	.6	.3	.7	.2											24	24
52/ 51		.2	.2	.3	1.0	.9												33	33
50/ 49		.4	.2	1.0	2.0	.6												52	52
48/ 47	.1	.9	.4	2.0	3.1	1.4	.5											103	103
46/ 45	.1	1.0	.9	2.1	2.6	1.4	.2											101	101
44/ 43	.2	1.5	3.1	4.5	2.0	.9												152	152
42/ 41	.8	1.0	3.5	4.0	3.5	.7												166	166
40/ 39	.8	1.1	4.2	5.7	3.5													190	190
38/ 37	1.0	1.3	3.8	5.8	.9													158	158
36/ 35	.2	.8	3.5	3.3	.3													102	102
34/ 33	.2	1.1	3.5	1.5	.1													81	81
32/ 31	.3	.6	.8	.5	.2													29	29
30/ 29		.2	.3	.2														9	9
28/ 27		.2																2	2
26/ 25																			
24/ 23																			
22/ 21																			
20/ 19																			
18/ 17																			
16/ 15																			
14/ 13																			
12/ 11																			
10/ 9																			
8/ 7																			
6/ 5																			
TOTAL	4.0	10.3	25.2	31.9	20.1	7.5	1.0	.1										1240	1240

Element (X)	Mean No. of Hours with Temperature							No. Obs.		σ _x		Total	
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	≥ 93 F	Total	Total	Total	Total	Total	Total
Rel. Hum.								1240	1240	15.974	61.4	1240	744.0
Dry Bulb		24.0						1240	1240	5.892	41.7	1240	744.0
Wet Bulb		176.4						1240	1240	5.350	36.6	1240	744.0
Dew Point		524.4						1240	1240	7.819	28.6	1240	744.0

PSYCHROMETRIC SUMMARY

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YOKOSUKA, JAPAN

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HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67						.1	.1											2	2		
66/ 65							.2											3	3		
64/ 63	.3	.2		.1	.1													8	8	4	4
62/ 61	.1	.3	.3	.2	.1		.2											12	12	3	3
60/ 59	.1	.1		.3	.3	.2	.1											11	11	6	3
58/ 57	.2	.2	.3	.1	.3	.4												15	15	7	3
56/ 55	.1	.4	.1	.6	.4	.4	.2											24	24	14	7
54/ 53	.2	.4	.3	1.2	.7	.4	.2											37	37	11	9
52/ 51	.4	.5	.6	.8	.4	.7	.2											40	40	14	14
50/ 49	.2	.7	.7	1.8	.5	1.5	.1	.1										63	63	26	10
48/ 47	1.0	1.4	1.1	1.8	1.0	1.7	.4											94	94	54	27
46/ 45	1.1	1.9	2.2	1.9	1.8	1.2	.1											114	114	66	34
44/ 43	.7	2.0	1.9	3.0	2.2	.9	.3											124	124	70	44
42/ 41	.6	1.7	3.2	2.9	1.5	.4												117	117	92	48
40/ 39	.4	2.8	4.0	3.7	1.8	.1												144	144	99	56
38/ 37	.7	2.0	3.5	4.1	.6	.1												125	125	173	64
36/ 35	1.5	.9	2.6	3.2	.2													94	94	158	95
34/ 33	.6	.8	2.0	1.2														52	52	119	77
32/ 31	.1	.5	1.0	.9														28	28	112	77
30/ 29	.2	.3	.3	.6														15	15	56	76
28/ 27		.1	.2															3	3	25	101
26/ 25			.3															3	3	12	93
24/ 23																				4	85
22/ 21																				3	67
20/ 19																					52
18/ 17																					29
16/ 15																					26
14/ 13																					4
12/ 11																					5
10/ 9																					5
8/ 7																					2
6/ 5																					
TOTAL	8.2	17.2	24.3	28.5	11.7	8.1	2.0	.1										1128	1128	1128	1128

Element (X)	ΣX ²	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5368268	74948	66.4	18.566	1128	≥ 0 F	≥ 73 F	≥ 67 F	≤ 32 F	≥ 93 F	Total
Dry Bulb	2134194	48418	42.9	7.043	1128				29.2	1.2	672.0
Wet Bulb	1715571	43305	38.4	6.860	1128				126.3		672.0
Dew Point	1232676	35608	31.6	9.817	1128				375.3		672.0

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

≥93 F

≥80 F

≥73 F

≥67 F

≤32 F

≤0 F

1.2

29.2

126.3

375.3

74948

48418

43305

35608

1128

1128

1128

672.0

672.0

672.0

NAWEASERVCOM

PSYCHROMETRIC SUMMARY

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STATIONYOKOSUKA, JAPAN
STATION NAME

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PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	
68/ 67					.1	.2		.1										1	1		
66/ 65				.1	.1	.2		.1										5	5		
64/ 63		.2	.2	.3	.4		.1	.2										14	14		
62/ 61	.2	.1	.1	.6	.1	.6	.2	.1										24	24	2	
60/ 59		.4	.2	.3	.7	.3	.2	.2										26	26	7	
58/ 57	.1	.2	.6	1.9	1.5	.6	.2	.1										62	62	14	
56/ 55	.2	.2	.8	1.3	.8	.7	.5	.1										57	57	18	
54/ 53	.4	1.3	1.3	1.5	.9	.6	.4											78	78	35	
52/ 51	.1	1.2	1.5	2.0	1.3	1.2	.2	.1										93	93	70	
50/ 49	.9	1.0	1.9	2.8	1.4	.6	.2											111	111	84	
48/ 47	1.1	2.3	2.3	2.4	1.3	.9	.1											128	128	86	
46/ 45	2.3	1.9	3.1	2.4	2.1	.6												152	152	142	
44/ 43	1.6	2.9	4.0	1.9	1.4	.7												155	155	143	
42/ 41	.7	2.3	3.1	1.9	1.4		.1											117	117	137	
40/ 39	.2	2.5	2.0	2.6	.8													100	100	145	
38/ 37	.5	1.0	1.1	1.3														49	49	137	
36/ 35	1.3	.6	1.0	.6	.1													44	44	93	
34/ 33	.1	.2	.5	.3														13	13	70	
32/ 31		.1	.3	.2														8	8	31	
30/ 29			.1	.1														2	2	15	
28/ 27			.1															1	1	7	
26/ 25																				4	
24/ 23																				55	
22/ 21																				42	
20/ 19																				32	
18/ 17																				28	
16/ 15																				15	
14/ 13																				4	
8/ 7																				2	
TOTAL	9.5	18.2	23.9	24.1	14.2	7.1	2.1	.6										1240	1240	1240	
Element (X)	Mean No. of Hours with Temperature																	Total			
Rel. Hum.	≥ 80 F																	≥ 93 F		Total	
Dry Bulb	6.6																	.6		744.0	
Wet Bulb	34.2																			744.0	
Dew Point	216.8																			744.0	

Mean No. of Hours with Temperature

No. Obs.

 σ_x \bar{x} $\sum x$ $\sum x^2$

Element (X)

≤ 0 F

≤ 32 F

≥ 67 F

≥ 73 F

≥ 80 F

≥ 93 F

Total

Total

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.2	.2	.1	.3	.2	.2	.1									9	9		
72/ 71		.1	.2	.5	.5	.5	.3	.2	.2									26	26		
70/ 69	.1	.4	.5	.4	.7	.6	.7	.1										41	41	5	2
68/ 67	.2	1.2	1.0	.6	1.2	.7	.4	.6										71	71	22	12
66/ 65	.1	2.2	1.4	.8	1.4	.5	.2	.2										83	83	33	21
64/ 63	.7	1.8	2.2	1.5	.7	.9	.3	.2										99	99	54	45
62/ 61	.4	1.8	1.8	2.1	1.2	.4	.5	.1										100	100	68	38
60/ 59	.9	2.2	2.9	1.9	1.0	.6	.2	.2										120	120	109	58
58/ 57	1.0	3.0	2.0	2.2	1.1	.7	.5											125	125	122	85
56/ 55	2.0	3.3	1.8	1.2	.9	.5	.1	.1										120	120	151	115
54/ 53	1.2	2.5	2.0	1.0	.7	.2	.1											92	92	124	129
52/ 51	1.2	1.9	1.9	.6	.7	.4												80	80	108	100
50/ 49	1.3	1.9	1.3	1.0	.7													76	76	105	110
48/ 47	1.1	1.5	.5	.5	.4													48	48	91	102
46/ 45	.9	1.2	.5	.3	.4													40	40	68	74
44/ 43	.5	1.1	.7	.6	.3													39	39	43	66
42/ 41	.4	1.2	.6	.2														28	28	50	63
40/ 39	.2		.1															3	3	29	55
38/ 37																				14	33
36/ 35																				4	23
34/ 33																					25
32/ 31																					19
30/ 29																					11
28/ 27																					8
26/ 25																					5
24/ 23																					1
TOTAL	12.127	.421	.715	.712	.0	5.8	3.2	1.9	.1									1200	1200	1200	1200

Element (X)	ΣX ²	ΣX	Σ	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.	7590214	93256	77.7	16.913	1200	1200	≤ 0 F	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4025617	68923	57.4	7.473	1200	1200					88.2	5.4		720.0
Wet Bulb	3473912	64026	53.4	6.943	1200	1200					16.2			720.0
Dew Point	3066953	59779	49.8	8.616	1200	1200			26.4	8.4				720.0

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

≥93 F

≥80 F

≥73 F

≥67 F

≤32 F

≤0 F

1200

1200

1200

1200

59779

64026

57.4

77.7

93256

7590214

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMA

JAN 68

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43323 STATION NAME YOKOSUKA, JAPAN

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Temp. (F)	BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 -	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
62/ 81								.1		.1								2	2		
80/ 79								.2										7	7		
78/ 77								.3		.1								14	14		
76/ 75								.3										33	33		
74/ 73								.2		.1								40	40	3	
72/ 71								.6		.1								77	77	3	
70/ 69								.8										111	111	5	
68/ 67								.5		.1								122	122	2	
66/ 65								.3										169	169	15	
64/ 63								.2										180	180	32	
62/ 61								.2										153	153	70	
60/ 59								.4										101	101	106	
58/ 57								.2										94	94	136	
56/ 55								.4										71	71	145	
54/ 53								.1										41	41	138	
52/ 51																		19	19	91	
50/ 49																		6	6	64	
48/ 47																				87	
46/ 45																				11	
44/ 43																				4	
42/ 41																				32	
40/ 39																				17	
38/ 37																				9	
36/ 35																				5	
34/ 33																				9	
TOTAL	9.424	9.22	11.7	312.6	7.7	3.1	2.1	.4	.2	.2								1240	1240	2	

Element (X)	ΣX ²	ΣX	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	7860255	96859	78.1	15.414	1240	≥67 F	≥67 F	≥67 F	≥67 F	≥67 F	≥67 F	≥93 F	Total
Dry Bulb	5130697	79431	64.1	5.861	1240	≥73 F	≥73 F	≥73 F	≥73 F	≥73 F	≥73 F	≥73 F	744.0
Wet Bulb	4432358	73874	59.6	5.022	1240	≥80 F	≥80 F	≥80 F	≥80 F	≥80 F	≥80 F	≥80 F	744.0
Dew Point	4003354	70020	56.5	6.319	1240	≥87 F	≥87 F	≥87 F	≥87 F	≥87 F	≥87 F	≥87 F	744.0

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

ΣX

ΣX^2

Element (X)

Total

≥93 F

≥80 F

≥73 F

≥67 F

≤32 F

≤0 F

1240

15.414

78.1

96859

7860255

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

744.0

744.0

744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

43323 STATION

YOKOSUKA, JAPAN

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NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
92/ 91						.2	.4	.2										9	9			
90/ 89					.3	1.5	.3	.3										30	30			
88/ 87				.3	2.9	1.6	.1	.1	.1									63	63			
86/ 85			.1	2.1	4.0	1.0	.6											96	96			
84/ 83			1.0	3.1	1.5	.7	.1											78	78			
82/ 81		.3	2.7	3.1	.8	.4	.2											94	94	17		
80/ 79		4.5	6.6	2.2	.6	.2												174	174	128	17	
78/ 77	1.1	1.7	5.2	1.4	1.0	.2												254	254	260	164	
76/ 75	2.2	7.4	2.2	1.0	.2													160	160	328	369	
74/ 73	.9	4.9	1.9	.6	.1													104	104	196	243	
72/ 71	1.0	3.6	1.4	.2														77	77	106	163	
70/ 69	1.1	2.6	1.1	.2														62	62	114	108	
68/ 67	1.0	1.0	.4															29	29	51	92	
66/ 65	.1	.6																8	8	33	48	
64/ 63	.2																	2	2	7	30	
62/ 61																					2	
TOTAL	7.536	6.622	5.142	1.2	5.7	1.6	.6	.1										1240	1240	1240	1240	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Total

Ref. Hum.

Dry Bulb

Wet Bulb

Dew Point

738.0

720.0

696.0

637.2

557.4

532.2

267.0

38.4

10.2

744.0

744.0

744.0

NAVWEASERVCOM

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
92/ 91									.1									1	1			
90/ 89								.1	.1									3	3			
88/ 87					.1	.7		.7	.2	.1								18	18			
86/ 85				.4	1.2	1.2	.3	.2										34	34			
84/ 83			.6	1.2	1.2	.3	.1	.1										45	45			
82/ 81		1.3	3.5	2.2	1.6	.4	.2	.1										41	41			
80/ 79	.3	2.9	3.7	2.6	1.1	.3	.2											113	113	12	2	
78/ 77	.3	3.8	3.4	2.4	1.2	.1	.1											121	121	100	31	
76/ 75	1.0	3.6	2.5	2.3	.8	.3												136	136	148	101	
74/ 73	.7	4.5	3.3	2.3	.8													127	127	138	147	
72/ 71	1.7	4.1	3.1	1.6	.7	.2		.1										142	142	137	140	
70/ 69	1.2	4.6	3.1	1.5	.7	.1												135	135	156	154	
68/ 67	1.5	2.6	.7	1.4	.4	.1												134	134	160	138	
66/ 65	.7	.8	.7	.3	.1													81	81	153	153	
64/ 63	.6	.6	.6	.1	.1													32	32	79	131	
62/ 61	.2	.6	.2															26	26	54	70	
60/ 59																		11	11	42	43	
58/ 57																			19	19	50	
56/ 55																			1	1	23	
54/ 53																			1	1	10	
52/ 51																					3	
50/ 49																					3	
48/ 47																					1	
TOTAL	8.229	725.818	711.2	4.2	1.5	.5	.2											1200	1200	1200	1200	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	8474938	99930	83.3	11.306	1200	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	6512526	88098	73.4	6.113	1200	630.0	383.4	114.6		720.0	
Wet Bulb	5843311	83507	69.6	5.176	1200	510.6	238.8	1.8		720.0	
Dew Point	5543668	81284	67.7	5.611	1200	427.8	213.6			720.0	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

≥ 93 F

≥ 80 F

≥ 73 F

≥ 67 F

≤ 32 F

≤ 0 F

630.0

510.6

427.8

383.4

114.6

1.8

1.2

720.0

720.0

720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

05 PSYCHROMETRIC SUMMARY JAN 68

73-77

43323 YOKOSUKA, JAPAN STATION NAME

STATION

OCT MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		
80/ 79					.1	.4	.2	.1										6	6		
78/ 77		.2		.2	.3	.2	.2	.1										14	14		
76/ 75		.2	.2	.7	.6	.2	.2	.1										28	28	3	
74/ 73	.1	.2	.2	.8	.7	.4	.2											32	32	2	
72/ 71	.2	.3	.9	.9	.6	.5	.1											42	42	17	
70/ 69	.4	1.8	2.2	1.9	1.5	.3	.5											105	105	31	
68/ 67	.1	1.9	2.9	2.6	1.2	1.0	.2	.1										122	122	66	
66/ 65	.6	3.0	4.0	1.9	1.0	.5	.5											142	142	95	
64/ 63	1.5	6.4	3.1	2.8	1.0	.8	.2											196	196	147	
62/ 61	1.7	4.0	3.8	2.1	1.5	.6	.1											170	170	189	
60/ 59	1.9	5.1	3.3	2.1	.8	.3												168	168	182	
58/ 57	1.6	2.6	1.8	2.3	1.0	.1												117	117	173	
56/ 55	.3	1.0	1.3	.8	.5	.1												49	49	123	
54/ 53	.3	.5	1.0	.4	.3													31	31	85	
52/ 51	.1	.4	.1	.1														8	8	65	
50/ 49	.1	.2	.1	.2														6	6	40	
48/ 47	.2	.1	.1															4	4	13	
46/ 45																				8	
44/ 43																				1	
42/ 41																				18	
40/ 39																				12	
38/ 37																				3	
TOTAL	9.027	724.8	19.8	11.0	5.3	2.2	.2											1240	1240	1240	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Ref. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

744.0

744.0

744.0

NAWEASERVCOM

PSYCHROMETRIC SUMMARY

43323
STATIONYOKOSUKA, JAPAN
STATION NAME

73-77

YEARS

NOV
MONTHPAGE 1
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb
78/ 77					.1	.2	.1											1	1	
76/ 75				.1	.2	.1	.2											4	4	
74/ 73			.2	.1	.1	.2	.2											6	6	
72/ 71	.1	.2	.4	.2	.1	.2	.2											14	14	1
70/ 69	.1	.4	.4	.2	.3	.1	.2											21	21	12
68/ 67	.1	.4	.1	.3	.3	.4	.2											22	22	17
66/ 65	.1	.6	.2	.6	.6	.4	.2	.2										32	32	10
64/ 63	.2	.7	.5	.8	1.1	.5	.4	.1										46	46	18
62/ 61	.2	1.1	1.1	1.7	1.4	.5	.1	.1										75	75	22
60/ 59	.9	1.3	2.7	2.5	1.4	.9	.3	.1										122	122	52
58/ 57	.3	1.1	2.8	2.5	2.3	.7	.3	.1										122	122	73
56/ 55	.7	2.7	3.9	3.1	2.2	.8	.2	.1										165	165	99
54/ 53	1.0	2.2	2.9	3.2	2.4	1.5	.1											160	160	137
52/ 51	.1	1.6	2.7	2.6	2.2	.5												117	117	118
50/ 49	.3	2.1	3.2	3.2	1.3	.2												125	125	148
48/ 47	.3	1.5	1.8	1.6	1.4													80	80	133
46/ 45		.3	1.3	.9	.7													39	39	126
44/ 43	.1	.5	.7	.5	.2													24	24	108
42/ 41		.2	.7	.2	.2	.1												15	15	57
40/ 39		.1	.2	.2	.2	.2												9	9	39
38/ 37			.1															1	1	19
36/ 35																				6
34/ 33																				2
32/ 31																				3
30/ 29																				
28/ 27																				
26/ 25																				
24/ 23																				
22/ 21																				
20/ 19																				
18/ 17																				
16/ 15																				
TOTAL	4.617	0.26	2.24	7.18	.6	7.1	1.4	.5										1200	1200	1200

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Hum.	6480439	86327	71.9	15.010	1200	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3705198	66220	55.2	6.519	1200			40.8	6.6			720.0
Wet Bulb	3101121	60467	50.4	6.725	1200		1.6	18.0				720.0
Dew Point	2602785	54871	45.7	8.843	1200		48.0	8.4	.6			720.0

Mean No. of Hours with Temperature

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	6480439	86327	71.9	15.010	1200	≤ 32 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total
Dry Bulb	3705198	66220	55.2	6.519	1200			40.8	6.6		720.0
Wet Bulb	3101121	60467	50.4	6.725	1200		1.8	18.0			720.0
Dew Point	2602785	54871	45.7	8.843	1200		48.0	8.4	.6		720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

43323
STATION

YOKOSUKA, JAPAN STATION NAME

73-77

YEARS

DEC
MONTH

05 PSYCHROMETRIC SUMMARY JAN 68

PAGE 1
HOURS (L.S.T.)

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

JAN 68

1371

1000

43323

YOKOSUKA, JAPAN

73-77

ALL

MONTH

YEARS

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
92/ 91																			14	14			
90/ 89																			36	36			
88/ 87																			102	102			
86/ 85																			184	184			
84/ 83																			203	203			
82/ 81																			225	225			
80/ 79																			460	460			
78/ 77																			619	619			
76/ 75																			650	650			
74/ 73																			578	578			
72/ 71																			623	623			
70/ 69																			772	772			
68/ 67																			743	743			
66/ 65																			746	746			
64/ 63																			713	713			
62/ 61																			650	650			
60/ 59																			627	627			
58/ 57																			576	576			
56/ 55																			569	569			
54/ 53																			531	531			
52/ 51																			481	481			
50/ 49																			579	579			
48/ 47																			619	619			
46/ 45																			616	616			
44/ 43																			666	666			
42/ 41																			571	571			
40/ 39																			550	550			
38/ 37																			385	385			
36/ 35																			259	259			
34/ 33																			154	154			
32/ 31																			71	71			
30/ 29																			27	27			
28/ 27																			6	6			
26/ 25																			3	3			
Element (X)																			Mean No. of Hours with Temperature				Total
Rel. Hum.																			≤ 80 F	≥ 73 F	≥ 67 F	≥ 93 F	Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43323 YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	39.4 4.721 155	40.7 6.365 141	44.8 6.063 155	55.1 6.155 150	60.9 4.286 155	66.9 3.714 150	72.5 4.525 155	75.4 3.383 155	71.5 4.600 150	62.4 4.391 155	53.5 6.273 150	44.7 5.334 155	57.4 13.310 1826
03	38.2 4.820 155	39.3 6.414 141	43.3 6.159 155	53.9 6.310 150	59.9 4.302 155	66.2 3.709 150	71.9 4.450 155	74.8 3.296 155	70.6 4.746 150	61.1 4.416 155	52.6 6.439 150	42.9 5.314 155	56.3 13.609 1826
06	37.3 4.870 155	38.5 6.678 141	42.2 6.096 155	53.2 6.436 150	60.3 4.318 155	66.3 3.652 150	72.4 4.617 155	75.0 3.554 155	70.0 4.991 150	60.1 4.848 155	51.7 6.187 150	42.0 5.054 155	55.8 14.024 1826
09	41.5 4.549 155	42.5 6.092 141	46.6 5.903 155	57.8 7.152 150	65.2 4.963 155	69.8 4.649 150	76.8 6.035 155	80.1 5.288 155	74.4 6.325 150	63.3 5.340 155	55.4 5.992 150	46.0 4.770 155	60.0 14.297 1826
12	46.2 5.420 155	47.3 5.825 141	51.0 6.334 155	61.7 7.813 150	69.1 5.571 155	72.5 5.300 150	79.9 6.449 155	83.2 5.724 155	77.4 7.000 150	66.7 5.948 155	59.0 6.087 150	50.8 4.634 155	63.8 13.884 1826
15	46.7 5.333 155	48.2 6.365 141	52.1 6.227 155	62.4 7.497 150	69.3 5.391 155	72.8 5.272 150	79.8 5.924 155	82.8 5.343 155	77.4 6.274 150	67.3 5.726 155	58.5 5.895 150	50.8 4.586 155	64.1 13.559 1826
18	43.2 4.844 155	44.5 5.821 141	48.7 5.689 155	58.9 6.425 150	65.3 4.367 155	70.1 4.162 150	76.2 4.509 155	78.5 3.644 155	73.8 4.901 150	64.3 4.514 155	55.9 5.624 150	47.8 4.531 155	60.7 13.068 1826
21	41.4 4.773 155	42.5 6.279 141	46.7 5.909 155	56.6 6.224 150	62.5 4.132 155	67.9 3.689 150	73.7 4.359 155	76.3 3.268 155	72.2 4.666 150	63.1 4.437 155	54.8 5.945 150	46.2 5.005 155	58.7 12.953 1826
ALL HOURS	41.7 5.892 1240	42.9 7.044 1128	46.9 6.877 1240	57.4 7.474 1200	64.1 5.861 1240	69.1 4.966 1200	75.4 5.992 1240	78.3 5.372 1240	73.4 6.113 1200	63.5 5.504 1240	55.2 6.519 1200	46.4 5.788 1240	59.6 13.910 14608

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43323 YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	35.3 4.996 155	37.2 6.894 141	41.3 6.198 155	52.3 6.823 150	58.0 4.795 155	65.5 3.710 150	70.9 4.287 155	73.5 3.232 155	69.0 4.783 150	59.4 5.085 155	49.6 6.920 150	40.5 5.330 155	54.5 14.169 1826
03	34.3 5.054 155	36.1 6.811 141	40.1 6.466 155	51.4 6.874 150	57.4 4.964 155	65.0 3.760 150	70.5 4.385 155	73.1 3.268 155	68.3 5.210 150	58.2 5.170 155	48.7 6.866 150	39.2 5.334 155	53.6 14.436 1826
06	33.6 4.933 155	35.2 7.105 141	39.0 6.546 155	50.7 6.940 150	57.5 5.082 155	64.9 3.846 150	70.9 4.397 155	73.2 3.390 155	67.9 5.328 150	57.4 5.337 155	47.9 6.640 150	38.4 4.999 155	53.2 14.779 1826
09	36.4 4.760 155	37.9 6.521 141	41.8 5.989 155	53.3 6.955 150	60.1 4.695 155	66.9 3.972 150	72.8 4.799 155	75.4 3.839 155	69.8 5.495 150	59.2 5.462 155	50.1 6.568 150	41.0 4.843 155	55.5 14.495 1826
12	39.3 5.018 155	40.8 6.064 141	44.7 5.634 155	55.4 6.757 150	62.1 4.787 155	68.1 3.885 150	74.2 4.654 155	76.5 3.758 155	71.3 5.174 150	61.1 5.240 155	52.5 6.235 150	44.1 4.545 155	57.6 13.798 1826
15	39.7 4.775 155	41.6 5.926 141	45.8 5.538 155	56.0 6.661 150	62.0 4.401 155	68.3 3.706 150	74.1 4.296 155	76.2 3.254 155	71.3 4.805 150	61.4 4.815 155	52.5 6.272 150	44.2 4.404 155	57.8 13.482 1826
18	37.9 4.986 155	39.8 6.096 141	44.1 5.710 155	54.5 6.535 150	60.4 4.434 155	66.9 3.485 150	72.7 3.827 155	74.6 3.308 155	69.8 4.790 150	60.2 4.835 155	51.3 6.320 150	42.5 4.829 155	56.3 13.569 1826
21	36.5 5.068 155	38.5 6.893 141	42.9 5.889 155	53.2 6.364 150	59.1 4.489 155	65.8 3.608 150	71.7 4.133 155	73.8 3.202 155	69.2 4.795 150	59.9 5.138 155	50.5 6.688 150	41.5 5.264 155	55.3 13.791 1826
ALL HOURS	36.6 5.351 1240	38.4 6.861 1126	42.5 6.372 1240	53.4 6.943 1200	59.6 5.023 1240	66.4 3.941 1200	72.2 4.554 1240	74.5 3.630 1240	69.6 5.177 1200	59.6 5.278 1240	50.4 6.726 1200	41.4 5.318 1240	55.5 14.160 14609

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MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43323 YOKOSUKA, JAPAN

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HRS.(LST.)	STATION NAME	YEARS											
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
00	MEAN	28.5	31.8	36.6	49.8	55.8	64.7	70.1	72.7	67.8	57.3	45.8	34.9
	S. D.	7.643	9.655	8.757	8.753	6.013	3.974	4.372	3.336	5.302	6.401	8.956	7.354
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
03	MEAN	27.7	31.0	35.6	49.0	55.5	64.4	69.9	72.4	67.2	56.1	44.7	34.0
	S. D.	7.618	9.419	8.737	8.675	6.357	4.023	4.535	3.516	5.899	6.594	8.889	7.290
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
06	MEAN	27.5	29.7	34.5	48.3	55.3	64.2	70.2	72.6	66.7	55.5	44.0	33.4
	S. D.	7.096	9.755	9.134	8.572	6.767	4.184	4.533	3.566	6.008	6.401	8.488	6.760
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
09	MEAN	28.4	30.7	35.3	49.3	56.6	65.4	71.1	73.6	67.7	56.3	44.9	34.5
	S. D.	7.421	9.742	9.258	8.852	6.362	4.165	4.756	3.755	5.930	6.789	8.893	7.174
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
12	MEAN	28.9	31.3	37.0	50.3	57.5	65.9	71.9	73.8	68.4	57.4	46.4	35.9
	S. D.	8.234	10.603	8.810	8.439	6.745	3.853	4.535	3.880	5.458	6.571	8.761	7.514
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
15	MEAN	29.4	32.5	38.5	50.9	57.2	66.1	71.7	73.7	68.5	57.4	46.9	36.2
	S. D.	8.124	9.777	8.461	8.776	6.372	3.712	4.408	3.368	5.310	6.235	8.832	7.180
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
18	MEAN	29.8	33.0	38.5	50.7	57.1	65.4	71.2	72.9	67.8	57.4	46.8	35.8
	S. D.	8.289	9.382	8.563	8.578	5.896	3.699	3.940	3.655	5.464	6.329	8.705	7.366
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
21	MEAN	28.8	32.4	38.3	50.2	56.8	64.7	70.8	72.8	67.6	57.7	46.3	35.5
	S. D.	7.940	9.981	8.128	8.154	5.739	3.933	4.229	3.507	5.376	6.557	8.948	7.713
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155
ALL HOURS	MEAN	28.6	31.6	36.8	49.8	56.5	65.1	70.9	73.1	67.7	56.9	45.7	35.0
	S. D.	7.819	9.818	8.836	8.616	6.320	3.990	4.460	3.604	5.612	6.512	8.843	7.336
	TOTAL OBS	1240	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240
		ANNUAL											
		51.4											
		16.634											
		1826											
		50.7											
		16.844											
		1826											
		50.3											
		17.119											
		1826											
		51.2											
		17.222											
		1826											
		52.1											
		17.063											
		1826											
		52.5											
		16.636											
		1826											
		52.3											
		16.302											
		1826											
		51.9											
		16.436											
		1826											
		51.6											
		16.797											
		14608											

FEB
MONTH

73-77

[illegible]

YOKOSUKA, JAPAN

43323

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00	100.0	100.0	100.0	99.3	93.6	72.3	48.9	34.0	15.6	71.9	141
	03	100.0	100.0	100.0	98.6	94.3	78.7	52.5	34.0	16.3	73.1	141
	06	100.0	100.0	100.0	98.6	95.0	68.8	52.5	31.2	16.3	71.9	141
	09	100.0	100.0	99.3	94.3	80.1	52.5	35.5	20.6	12.1	64.9	141
	12	100.0	100.0	95.0	75.2	55.3	38.3	22.0	15.6	10.6	56.9	141
	15	100.0	100.0	97.2	78.7	53.2	34.8	24.8	14.9	10.6	57.6	141
	18	100.0	100.0	100.0	95.0	77.3	58.2	34.8	22.7	16.3	66.2	141
	21	100.0	100.0	100.0	99.3	54.4	63.8	41.8	27.7	14.9	69.0	141
TOTALS		100.0	100.0	98.9	92.4	79.2	58.4	39.1	25.1	14.1	66.4	1128

NAVWEASERVCOM

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

MAR
MONTH

73-77
PERIOD

YOKOSUKA, JAPAN
STATION NAME

43323
STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00	100.0	100.0	100.0	100.0	92.3	73.5	59.4	38.1	19.4	74.0	155
	03	100.0	100.0	100.0	100.0	98.1	76.1	58.1	39.4	22.6	75.3	155
	06	100.0	100.0	100.0	100.0	96.1	78.1	56.1	41.3	21.9	75.4	155
	09	100.0	100.0	99.4	94.2	79.4	59.4	41.3	23.9	12.9	66.9	155
	12	100.0	100.0	98.1	88.4	65.2	44.5	29.0	16.8	13.5	61.3	155
	15	100.0	100.0	98.7	85.8	69.0	50.3	32.3	15.5	10.3	62.1	155
	18	100.0	100.0	100.0	96.1	85.2	71.6	47.1	25.2	16.8	69.8	155
	21	100.0	100.0	100.0	99.4	90.3	81.3	60.0	31.6	19.4	74.0	155
TOTALS		100.0	100.0	99.5	95.5	84.5	66.9	48.2	29.0	17.1	69.9	1240

NAVWEASERVCOM

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RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00	100.0	100.0	100.0	100.0	97.3	91.3	81.3	62.0	39.3	83.5	150
	03	100.0	100.0	100.0	100.0	98.7	91.3	83.3	69.3	43.3	84.5	150
	06	100.0	100.0	100.0	100.0	99.3	94.0	86.0	62.7	42.0	84.6	150
	09	100.0	100.0	100.0	98.0	89.3	82.0	62.7	42.7	19.3	75.2	150
	12	100.0	100.0	100.0	95.3	82.0	65.3	43.3	26.0	16.0	68.6	150
	15	100.0	100.0	99.3	94.0	82.0	65.3	43.3	30.7	15.3	68.5	150
	18	100.0	100.0	100.0	96.7	91.3	82.7	66.0	45.3	19.3	76.1	150
	21	100.0	100.0	100.0	99.3	96.0	88.0	77.3	56.0	31.3	80.7	150

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

CIVIL

PRINTED BY THE STANDARD RECORDS COMPANY, U. S. A.

REAR

JUN
MONTH

73-77

PERIOD

YOKOSUKA, JAPAN
STATION NAME43323
STATIONCUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7	63.3	92.6	150
	03	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	72.0	94.0	150
	06	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7	67.3	93.1	150
	09	100.0	100.0	100.0	100.0	100.0	100.0	99.3	76.7	27.3	86.5	150
	12	100.0	100.0	100.0	100.0	100.0	99.3	84.7	45.3	16.0	80.7	150
	15	100.0	100.0	100.0	100.0	99.3	98.7	83.3	46.7	18.7	80.4	150
	18	100.0	100.0	100.0	100.0	100.0	100.0	95.3	71.3	22.7	85.2	150
	21	100.0	100.0	100.0	100.0	100.0	99.3	99.3	94.0	44.7	89.9	150
TOTALS		100.0	100.0	100.0	100.0	99.9	99.7	95.2	78.3	41.8	87.8	1200

PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00	100.0	100.0	100.0	100.0	100.0	100.0	99.4	96.8	61.3	92.4	155
	03	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	68.4	93.6	155
	06	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.4	63.2	93.0	155
	09	100.0	100.0	100.0	100.0	100.0	100.0	93.5	56.1	25.2	83.3	155
	12	100.0	100.0	100.0	100.0	100.0	97.4	70.3	32.3	12.9	77.5	155
	15	100.0	100.0	100.0	100.0	100.0	98.1	70.3	29.7	15.5	77.3	155
	18	100.0	100.0	100.0	100.0	100.0	100.0	98.1	65.8	25.2	84.9	155
	21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	52.3	90.7	155
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	91.5	71.6	40.5	86.6	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

PERIOD

AUG
MONTHCUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.4	57.4	91.7	155
	03	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.5	67.7	92.5	155
	06	100.0	100.0	100.0	100.0	100.0	100.0	99.4	96.1	68.4	92.4	155
	09	100.0	100.0	100.0	100.0	100.0	98.7	89.7	43.2	18.7	81.4	155
	12	100.0	100.0	100.0	100.0	99.4	90.3	55.5	25.8	11.0	74.3	155
	15	100.0	100.0	100.0	100.0	99.4	93.5	60.6	24.5	12.9	75.2	155
	18	100.0	100.0	100.0	100.0	100.0	99.4	94.8	64.5	19.4	83.6	155
	21	100.0	100.0	100.0	100.0	100.0	100.0	99.4	90.3	40.6	89.3	155
TOTALS		100.0	100.0	100.0	100.0	99.9	97.7	87.4	67.2	37.0	85.1	1240

NAVWEASERVCOM

2

MONTH

萬門壽

NAVWEASERVCOM

43323

YOKOSUKA, JAPAN

73-77

STATION NAME

PERIOD

MONTH
NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00	100.0	100.0	100.0	100.0	98.0	84.0	67.3	38.7	17.3	76.2	150
	03	100.0	100.0	100.0	99.3	98.0	81.3	65.3	38.0	18.7	75.9	150
	06	100.0	100.0	100.0	100.0	98.7	85.3	63.3	36.7	16.7	76.1	150
	09	100.0	100.0	100.0	100.0	92.0	71.3	42.7	18.7	8.0	68.9	150
	12	100.0	100.0	99.3	96.0	82.0	57.3	30.0	15.3	9.3	64.6	150
	15	100.0	100.0	100.0	96.0	84.7	62.0	39.3	21.3	8.7	66.8	150
	18	100.0	100.0	100.0	99.3	92.7	75.3	60.0	31.3	13.3	72.9	150
	21	100.0	100.0	100.0	99.3	94.7	82.0	60.7	30.7	14.0	74.2	150
TOTALS		100.0	100.0	99.9	99.0	92.6	74.8	53.6	28.8	13.3	72.0	1200

DEC
MONTH

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

73-77

PERIOD

ALL
MONTHCUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.0	93.6	72.0	46.9	26.0	13.2	6.4	61.4	1240
FEB		100.0	100.0	98.9	92.4	79.2	58.4	39.1	25.1	14.1	66.4	1128
MAR		100.0	100.0	99.5	95.5	84.5	66.9	48.2	29.0	17.1	69.9	1240
APR		100.0	100.0	99.9	97.9	92.0	82.5	67.9	49.3	28.2	77.7	1200
MAY		100.0	100.0	99.9	98.8	94.8	85.7	69.0	49.2	23.6	78.1	1240
JUN		100.0	100.0	100.0	100.0	99.9	99.7	95.2	78.3	41.8	87.8	1200
JUL		100.0	100.0	100.0	100.0	100.0	99.4	91.5	71.6	40.5	86.6	1240
AUG		100.0	100.0	100.0	100.0	99.9	97.7	87.4	67.2	37.0	85.1	1240
SEP		100.0	100.0	100.0	100.0	99.5	97.0	85.5	61.7	29.2	83.3	1200
OCT		100.0	100.0	100.0	99.9	97.8	90.9	74.7	52.6	25.3	80.1	1240
NOV		100.0	100.0	99.9	99.0	92.6	74.8	53.6	28.8	13.3	72.0	1200
DEC		100.0	100.0	99.8	97.2	84.9	62.7	36.1	16.5	8.2	66.1	1240
TOTALS		100.0	100.0	99.7	97.9	91.4	80.2	64.5	45.2	23.7	76.2	14608

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

JANUARY ALL

JAN 1973-DEC 1977

YOKOSUKA, JAPAN

43323

STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66	33.3			11.1	33.3	22.2	33.3	5.6	5.6	3	.2
57 TO 61	11.1			5.2	16.7	22.2	27.8	5.6	5.6	10	1.5
52 TO 56	6.9	8.6	10.3	4.1	6.9	25.9	32.8		3.4	58	4.7
47 TO 51	14.6	21.6	21.6	4.1	5.3	6.4	17.0	1.2	8.2	171	13.8
42 TO 46	37.3	25.1	11.1	2.6	2.0	1.3	13.4	2.6	4.4	343	27.7
37 TO 41	49.5	25.2	7.1	1.2	1.4	.3	5.7	7.3	2.1	424	34.2
32 TO 36	69.8	11.2	1.3				6.3	8.8	2.4	205	16.5
27 TO 31	47.1							32.9		17	1.4
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO -7											
-8 TO -12											
-13 TO -17											
-18 TO -22											
-23 TO -27											
-28 TO -32											
-33 TO -37											
-38 TO -42											
-43 TO -47											
-48 TO -52											
-53 TO -57											
-58 TO -62											
-63 & LWR											
TOTALS	42.1	20.8	9.2	2.1	2.4	3.0	11.1	5.6	3.7	1239	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

FEBRUARY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61		6.5	3.2	5.6	50.0	50.0	27.8			2	.2
52 TO 56	11.8	11.8	11.8	6.5	22.2	44.4	16.1		6.5	18	1.6
47 TO 51	22.0	22.0	22.0	1.2	16.1	45.2	16.1		31	31	2.7
42 TO 46	37.2	31.4	9.8	5.2	9.4	23.5	25.9		4.7	85	7.5
37 TO 41	56.7	22.9	8.2	2.7	6.9	4.6	11.0	2.3	4.0	173	15.3
32 TO 36	70.7	15.2	2.4	.6	3.7	2.0	5.1	4.7	3.4	296	26.2
27 TO 31	53.6	3.6	7.1	.6	.9	.3	2.4	5.8	2.1	328	29.1
22 TO 26						.6	1.8	6.7	1.8	164	14.5
17 TO 21							3.6	32.1		28	2.5
12 TO 16							100.0			3	.3
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	42.1	21.6	9.8	2.1	3.9	5.2	6.9	5.3	2.9	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

43323
STATION

YOKOSUKA, JAPAN

WIND DIRECTION

JAN 1973-DEC 1977

STATION NAME

YEARS

MARCH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NINW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66	3.6	7.1	7.1	3.6	100.0	17.9	3.6	1.9	3.6	1	.1
57 TO 61	5.8	2.9	1.9	19.4	57.1	26.2	1.9	1.9	1.9	28	2.3
52 TO 56	14.6	14.1	18.9	13.0	31.1	13.5	1.6	1.6	4.3	103	8.3
47 TO 51	23.4	27.0	18.4	8.5	13.0	3.9	1.4	1.4	4.3	185	14.9
42 TO 46	38.3	37.2	11.4	3.5	.5	.8	1.9	1.9	2.7	282	22.7
37 TO 41	52.7	27.8	11.7	2.0		.5	3.9	1.5	1.5	368	29.7
32 TO 36	80.6	14.5	1.6			1.6	1.6			205	16.5
27 TO 31	50.0	16.7				16.7	16.7			62	5.0
22 TO 26										6	.5
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	37.4	24.9	13.3	3.8	6.6	8.0	6.0	2.1	2.9	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

YOKOSUKA, JAPAN

43323

JAN 1973-DEC 1977

APRIL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71	4.7	6.3	11.7	2.3	36.8	63.2	7.0		3.1	19	1.6
62 TO 66	5.6	8.2	10.3	3.0	28.9	35.9	8.6		5.2	128	10.7
57 TO 61	17.6	15.9	8.8	2.0	25.4	31.9	7.1	1.7	8.5	232	19.3
52 TO 56	21.3	34.1	10.0	1.2	19.7	17.3	4.0	3.1	9.2	295	24.6
47 TO 51	38.3	34.1	11.4		11.6	5.2		3.2	2.4	249	20.8
42 TO 46	58.5	27.7	10.6	1.1	6.6	4.2		3.0		167	13.9
37 TO 41	31.3	50.0	12.5		1.1			1.1		94	7.8
32 TO 36										16	1.3
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	20.7	20.8	10.1	1.7	16.8	17.0	5.0	2.3	5.7	1200	100.0

NAYWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

43323
STATION

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

MAY

ALL

STATION NAME

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	4.3	4.3	13.0	17.4	47.8	4.3	4.3	1.0	8.7	23	1.9
72 TO 76	2.9	10.7	5.8	37.9	32.0	2.9	2.9	1.0	3.9	103	8.3
67 TO 71	4.6	9.3	11.4	4.6	33.2	26.9	4.6	1.1	2.1	280	22.6
62 TO 66	13.4	20.5	8.3	4.5	21.0	21.0	3.6	2.9	4.9	448	36.1
57 TO 61	20.9	25.7	12.4	3.2	12.4	8.0	4.0	3.2	10.0	249	20.1
52 TO 56	31.5	32.3	8.9	2.4	5.6	1.6	3.2	10.5	4.0	124	10.0
47 TO 51	61.5	38.5								13	1.0
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	14.1	18.6	9.9	4.3	21.6	19.4	3.8	3.1	5.2	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

JUNE

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86				50.0	50.0					4	.3
77 TO 81	5.0	10.0	9.0	12.0	36.0	25.0	3.0			100	8.3
72 TO 76	2.8	13.4	11.8	5.1	23.6	33.1	7.1	1.2	2.0	254	21.2
67 TO 71	12.7	23.6	11.6	4.9	21.4	13.1	2.9	1.6	8.2	449	37.4
62 TO 66	24.5	41.0	14.8	3.7	3.7	1.6	1.6	3.1	5.6	322	26.9
57 TO 61	35.7	52.9	8.6	1.4				1.4		70	5.8
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	14.5	26.6	12.1	5.2	17.0	14.6	3.3	1.8	5.0	1199	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

43323 YOKOSUKA, JAPAN

JAN 1973-DEC 1977

JULY ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			50.0	11.5	50.0	34.6	11.5		3.8	2	.2
87 TO 91		3.5	9.8	4.6	38.5	34.1	4.0	.6	1.7	26	2.1
82 TO 86	.6	6.0	7.2	2.2	41.0	41.7	7.8	.9	2.8	173	14.0
77 TO 81	.9	17.6	5.8	2.3	30.4	29.5	3.7	1.2	12.3	319	25.7
72 TO 76	4.9	39.7	13.9	2.1	22.7	3.1	2.6	1.0	12.4	431	34.8
67 TO 71	18.6	53.5	15.5		6.7		2.8		1.4	194	15.6
62 TO 66	26.8	58.3	25.0							71	5.7
57 TO 61	16.7									24	1.9
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	6.8	18.5	8.9	7.6	23.4	26.9	4.7	.9	7.3	1240	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

43323
STATION

YOKOSUKA, JAPAN

STATION NAME

JAN 1973-DEC 1977

YEARS

AUGUST

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96					100.0					1	.1
87 TO 91	2.0	3.0	9.9	7.9	35.6	32.7	6.9		2.0	101	8.1
82 TO 86	1.9	12.3	14.6	3.8	27.4	33.5	4.2		2.4	212	17.1
77 TO 81	2.1	13.0	5.4	2.5	26.4	37.2	6.2	2.7	4.5	484	39.0
72 TO 76	10.3	26.2	10.6	2.6	21.2	15.9	3.0	1.7	8.6	302	24.4
67 TO 71	40.0	38.5	10.0	3.1	4.6			1.5	2.3	130	10.5
62 TO 66	90.0	10.0								10	.8
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	8.7	17.9	9.0	3.2	23.6	26.8	6.4	1.6	4.7	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

43323
STATION

YOKOSUKA, JAPAN

WIND DIRECTION

JAN 1973-DEC 1977

SEPTEMBER

ALL

HOURS (L.S.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		4.5	40.9	50.0	4.5					22	1.8
82 TO 86	3.1	8.3	11.5	5.2	34.4	34.4	2.1		1.0	96	8.0
77 TO 81	2.7	11.6	8.1	3.9	29.8	36.0	6.2		1.6	258	21.5
72 TO 76	13.4	25.9	14.0	3.9	12.8	15.5	3.6	3.9	7.1	336	28.0
67 TO 71	34.0	31.7	11.8	2.7	4.1	4.1	1.2	5.3	5.0	338	28.2
62 TO 66	63.6	17.8	8.5		.8			7.0	1.6	129	10.8
57 TO 61	81.0	9.5	4.8					4.8		21	1.8
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	22.4	21.4	11.0	3.1	14.8	17.0	2.9	3.4	4.0	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

YOKOSUKA, JAPAN

43323

STATION NAME

JAN 1973-DEC 1977

YEARS

OCTOBER

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	10.0	5.0		15.0	25.0	30.0	10.0		5.0	20	1.6
72 TO 76	6.1	17.1	18.3	6.1	20.7	23.2	3.7	1.2	3.7	82	6.6
67 TO 71	15.0	26.3	13.0	3.6	12.1	13.0	8.5	2.4	6.1	247	19.9
62 TO 66	44.1	27.8	8.4	.7	3.5	3.2	1.9	3.5	7.0	431	34.8
57 TO 61	55.0	20.4	11.0	2.5	.8	1.4	.8	4.1	3.9	362	29.2
52 TO 56	76.5	15.3	2.4			1.2		3.5	1.2	85	6.9
47 TO 51	53.0	15.4		15.4			7.7	7.7		13	1.0
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	40.7	23.3	10.1	2.5	5.6	6.2	3.1	3.3	5.2	1240	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

43323

YOKOSUKA, JAPAN

WIND DIRECTION

JAN 1973-DEC 1977

NOVEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	36.2	24.7	9.3	1.8	3.4	8.6	7.8	4.5	3.8	1200	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

43323

YOKOSUKA, JAPAN

JAN 1973-DEC 1977

DECEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66				16.7		50.0	100.0			3	.2
57 TO 61				2.3	2.3	20.5	33.3			6	.5
52 TO 56	9.1	15.9	13.6	2.3	4.4	13.7	34.1	2.3		44	3.5
47 TO 51	15.8	25.7	12.0	2.7	3.2	5.8	21.3	1.6	2.7	183	14.8
42 TO 46	25.6	26.7	16.6	2.9	1.5	1.7	11.0	3.2	4.9	344	27.7
37 TO 41	47.6	25.6	6.2	2.0	1.3		5.0	7.2	2.2	403	32.5
32 TO 36	58.3	16.1	1.8	.9			7.6	11.2	2.7	223	18.0
27 TO 31	45.5	3.0						51.5		33	2.7
22 TO 26								100.0		1	.1
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	36.9	23.1	9.2	2.2	2.3	5.2	11.1	7.0	3.0	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

43323 YOKOSUKA, JAPAN

JAN 1973-DEC 1977

ALL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

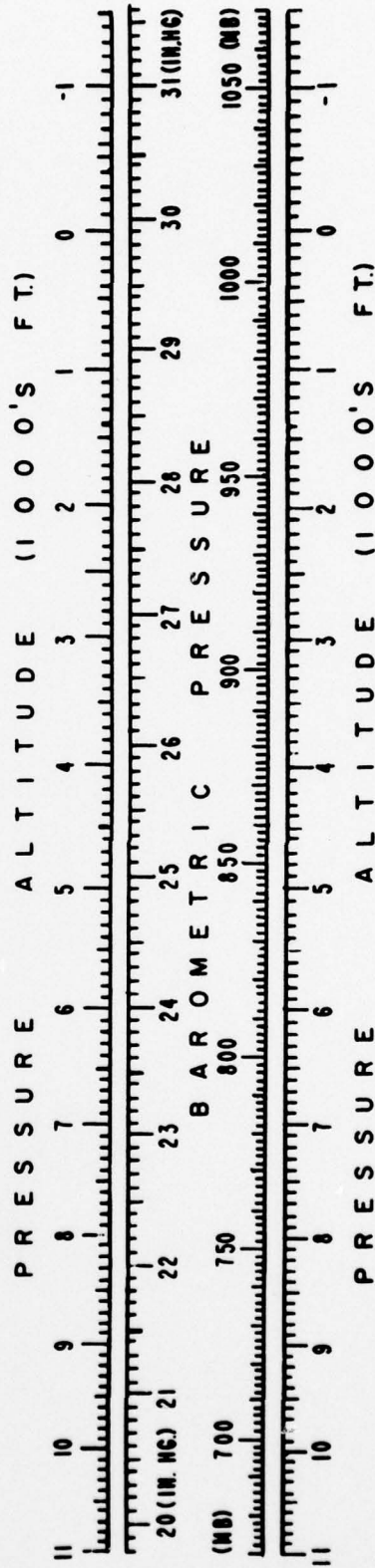
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			33.3	66.7						3	.0
87 TO 91	1.3	2.0	7.4	7.4	36.9	35.6	7.4		2.0	149	1.0
82 TO 86	1.6	8.2	12.2	4.7	33.4	34.0	3.7	9.2	1.9	485	3.3
77 TO 81	2.2	10.3	6.6	3.9	28.8	37.3	6.4	1.3	3.2	1205	8.3
72 TO 76	7.3	19.0	10.4	3.6	21.4	24.9	4.3	1.8	7.5	1543	10.6
67 TO 71	17.4	24.4	11.7	3.5	16.3	14.5	4.1	2.1	5.9	1623	12.5
62 TO 66	25.9	24.9	10.1	2.9	10.7	13.3	4.1	2.8	5.2	1614	12.4
57 TO 61	28.9	21.8	10.9	2.6	9.0	10.7	7.4	3.1	5.4	1498	10.3
52 TO 56	28.9	24.6	11.0	2.4	6.4	8.5	10.5	3.2	4.4	1349	9.2
47 TO 51	29.5	26.2	13.5	3.1	4.8	5.0	8.3	3.2	4.3	1430	9.8
42 TO 46	42.7	29.0	9.1	2.5	2.4	1.3	5.8	4.3	2.9	1578	10.8
37 TO 41	53.5	23.4	7.2	1.1	1.0	.3	4.1	7.3	2.1	1210	8.3
32 TO 36	69.8	12.3	1.7	.2		.2	3.7	10.1	1.7	464	3.2
27 TO 31	50.0	3.8	3.8				3.8	38.5		32	.4
22 TO 26								100.0		3	.0
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	26.4	21.8	10.2	7.9	11.8	13.2	5.8	3.4	4.5	14606	100.0

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

43323 YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	29.777 S. D. .212 TOTAL OBS 155	29.797 S. D. .213 TOTAL OBS 155	29.812 S. D. .204 TOTAL OBS 155	29.782 S. D. .189 TOTAL OBS 150	29.726 S. D. .207 TOTAL OBS 155	29.602 S. D. .151 TOTAL OBS 150	29.645 S. D. .111 TOTAL OBS 155	29.643 S. D. .133 TOTAL OBS 155	29.717 S. D. .134 TOTAL OBS 150	29.837 S. D. .187 TOTAL OBS 155	29.866 S. D. .212 TOTAL OBS 150	29.826 S. D. .208 TOTAL OBS 155	29.752 S. D. .200 TOTAL OBS 1826
03	29.780 S. D. .208 TOTAL OBS 155	29.787 S. D. .213 TOTAL OBS 155	29.800 S. D. .203 TOTAL OBS 155	29.765 S. D. .194 TOTAL OBS 150	29.711 S. D. .206 TOTAL OBS 155	29.585 S. D. .152 TOTAL OBS 150	29.630 S. D. .109 TOTAL OBS 155	29.629 S. D. .134 TOTAL OBS 155	29.706 S. D. .133 TOTAL OBS 150	29.825 S. D. .187 TOTAL OBS 155	29.855 S. D. .212 TOTAL OBS 150	29.826 S. D. .209 TOTAL OBS 155	29.741 S. D. .202 TOTAL OBS 1826
06	29.788 S. D. .207 TOTAL OBS 155	29.797 S. D. .216 TOTAL OBS 141	29.816 S. D. .204 TOTAL OBS 155	29.785 S. D. .201 TOTAL OBS 150	29.729 S. D. .210 TOTAL OBS 155	29.604 S. D. .152 TOTAL OBS 150	29.645 S. D. .113 TOTAL OBS 155	29.642 S. D. .137 TOTAL OBS 155	29.722 S. D. .135 TOTAL OBS 150	29.840 S. D. .189 TOTAL OBS 155	29.867 S. D. .211 TOTAL OBS 150	29.837 S. D. .207 TOTAL OBS 155	29.756 S. D. .202 TOTAL OBS 1826
09	29.821 S. D. .208 TOTAL OBS 155	29.824 S. D. .221 TOTAL OBS 141	29.838 S. D. .216 TOTAL OBS 155	29.803 S. D. .205 TOTAL OBS 150	29.738 S. D. .213 TOTAL OBS 155	29.613 S. D. .151 TOTAL OBS 150	29.656 S. D. .114 TOTAL OBS 155	29.655 S. D. .139 TOTAL OBS 155	29.740 S. D. .138 TOTAL OBS 150	29.866 S. D. .189 TOTAL OBS 155	29.896 S. D. .219 TOTAL OBS 150	29.868 S. D. .207 TOTAL OBS 155	29.776 S. D. .209 TOTAL OBS 1826
12	29.771 S. D. .210 TOTAL OBS 155	29.784 S. D. .227 TOTAL OBS 141	29.802 S. D. .222 TOTAL OBS 155	29.779 S. D. .207 TOTAL OBS 150	29.711 S. D. .214 TOTAL OBS 155	29.601 S. D. .152 TOTAL OBS 150	29.640 S. D. .113 TOTAL OBS 155	29.633 S. D. .139 TOTAL OBS 155	29.714 S. D. .139 TOTAL OBS 150	29.832 S. D. .186 TOTAL OBS 155	29.850 S. D. .220 TOTAL OBS 150	29.816 S. D. .210 TOTAL OBS 155	29.744 S. D. .206 TOTAL OBS 1826
15	29.741 S. D. .212 TOTAL OBS 155	29.739 S. D. .228 TOTAL OBS 141	29.756 S. D. .218 TOTAL OBS 155	29.734 S. D. .206 TOTAL OBS 150	29.673 S. D. .214 TOTAL OBS 155	29.576 S. D. .151 TOTAL OBS 150	29.614 S. D. .112 TOTAL OBS 155	29.604 S. D. .138 TOTAL OBS 155	29.681 S. D. .138 TOTAL OBS 150	29.802 S. D. .186 TOTAL OBS 155	29.826 S. D. .221 TOTAL OBS 150	29.791 S. D. .212 TOTAL OBS 155	29.711 S. D. .205 TOTAL OBS 1826
18	29.768 S. D. .211 TOTAL OBS 155	29.764 S. D. .222 TOTAL OBS 141	29.775 S. D. .212 TOTAL OBS 155	29.745 S. D. .199 TOTAL OBS 150	29.677 S. D. .215 TOTAL OBS 155	29.578 S. D. .152 TOTAL OBS 150	29.614 S. D. .111 TOTAL OBS 155	29.612 S. D. .135 TOTAL OBS 155	29.694 S. D. .139 TOTAL OBS 150	29.821 S. D. .188 TOTAL OBS 155	29.856 S. D. .219 TOTAL OBS 150	29.818 S. D. .209 TOTAL OBS 155	29.727 S. D. .207 TOTAL OBS 1826
21	29.785 S. D. .211 TOTAL OBS 155	29.789 S. D. .220 TOTAL OBS 141	29.811 S. D. .206 TOTAL OBS 155	29.788 S. D. .191 TOTAL OBS 150	29.719 S. D. .213 TOTAL OBS 155	29.612 S. D. .150 TOTAL OBS 150	29.649 S. D. .112 TOTAL OBS 155	29.649 S. D. .137 TOTAL OBS 155	29.725 S. D. .139 TOTAL OBS 150	29.845 S. D. .190 TOTAL OBS 155	29.874 S. D. .213 TOTAL OBS 150	29.832 S. D. .209 TOTAL OBS 155	29.756 S. D. .202 TOTAL OBS 1826
ALL HOURS	29.779 S. D. .210 TOTAL OBS 1240	29.785 S. D. .221 TOTAL OBS 1128	29.801 S. D. .211 TOTAL OBS 1240	29.772 S. D. .200 TOTAL OBS 1200	29.711 S. D. .212 TOTAL OBS 1240	29.596 S. D. .151 TOTAL OBS 1200	29.637 S. D. .113 TOTAL OBS 1240	29.633 S. D. .137 TOTAL OBS 1240	29.712 S. D. .138 TOTAL OBS 1200	29.833 S. D. .188 TOTAL OBS 1240	29.861 S. D. .216 TOTAL OBS 1200	29.827 S. D. .209 TOTAL OBS 1240	29.746 S. D. .205 TOTAL OBS 14608

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

43323 YOKOSUKA, JAPAN

73-77

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	1014.7 7.150 155	1015.4 7.202 141	1015.9 6.910 155	1014.7 6.408 150	1012.7 7.010 155	1008.5 5.126 150	1009.9 3.760 155	1009.9 4.501 155	1012.3 4.553 150	1016.5 6.300 155	1017.6 7.218 150	1016.4 7.046 155	1013.7 6.834 1826
03	1014.9 7.066 155	1015.1 7.213 141	1015.5 6.866 155	1014.2 6.597 150	1012.2 6.991 155	1007.9 5.148 150	1009.4 3.699 155	1009.4 4.537 155	1011.9 4.518 150	1016.1 6.356 155	1017.2 7.184 150	1016.4 7.097 155	1013.3 6.887 1826
06	1015.2 7.000 155	1015.5 7.302 141	1016.1 6.929 155	1014.9 6.805 150	1012.8 7.104 155	1008.6 5.165 150	1009.9 3.828 155	1009.8 4.619 155	1012.5 4.579 150	1016.6 6.398 155	1017.7 7.125 150	1016.7 7.012 155	1013.8 6.906 1826
09	1016.3 7.054 155	1016.4 7.513 141	1016.8 7.353 155	1015.5 6.985 150	1013.2 7.223 155	1008.9 5.140 150	1010.3 3.855 155	1010.2 4.697 155	1013.1 4.684 150	1017.5 6.426 155	1018.6 7.439 150	1017.8 7.004 155	1014.5 7.128 1826
12	1014.6 7.059 155	1015.0 7.720 141	1015.5 7.531 155	1014.5 7.041 150	1012.3 7.252 155	1008.5 5.148 150	1009.7 3.856 155	1009.4 4.705 155	1012.2 4.745 150	1016.3 6.303 155	1017.1 7.478 150	1016.0 7.128 155	1013.4 7.023 1826
15	1013.6 7.156 155	1013.4 7.729 141	1014.0 7.402 155	1013.1 6.991 150	1011.0 7.266 155	1007.6 5.126 150	1008.8 3.745 155	1008.5 4.656 155	1011.1 4.722 150	1015.3 6.326 155	1016.3 7.497 150	1015.2 7.173 155	1012.3 6.994 1826
18	1014.5 7.140 155	1014.3 7.512 141	1014.7 7.188 155	1013.5 6.763 150	1011.1 7.288 155	1007.7 5.154 150	1008.8 3.767 155	1008.7 4.582 155	1011.5 4.706 150	1016.0 6.381 155	1017.3 7.434 150	1016.1 7.070 155	1012.8 7.057 1826
21	1015.1 7.129 155	1015.2 7.462 141	1015.9 6.920 155	1015.0 6.469 150	1012.5 7.208 155	1008.8 5.083 150	1010.0 3.792 155	1010.0 4.604 155	1012.6 4.731 150	1016.8 6.452 155	1017.9 7.239 150	1016.6 7.097 155	1013.9 6.905 1826
ALL HOURS	1014.8 7.110 1240	1015.0 7.479 1128	1015.5 7.167 1240	1014.4 6.780 1200	1012.2 7.187 1240	1008.3 5.143 1200	1009.6 3.810 1240	1009.6 4.635 1240	1012.2 4.679 1200	1016.4 6.379 1240	1017.4 7.334 1200	1016.4 7.092 1240	1013.5 6.994 14608